Future Logistics & Sea-Basing….

Col R. M. Nixon,
USMC
HQMC/LPV
27 Oct 2003

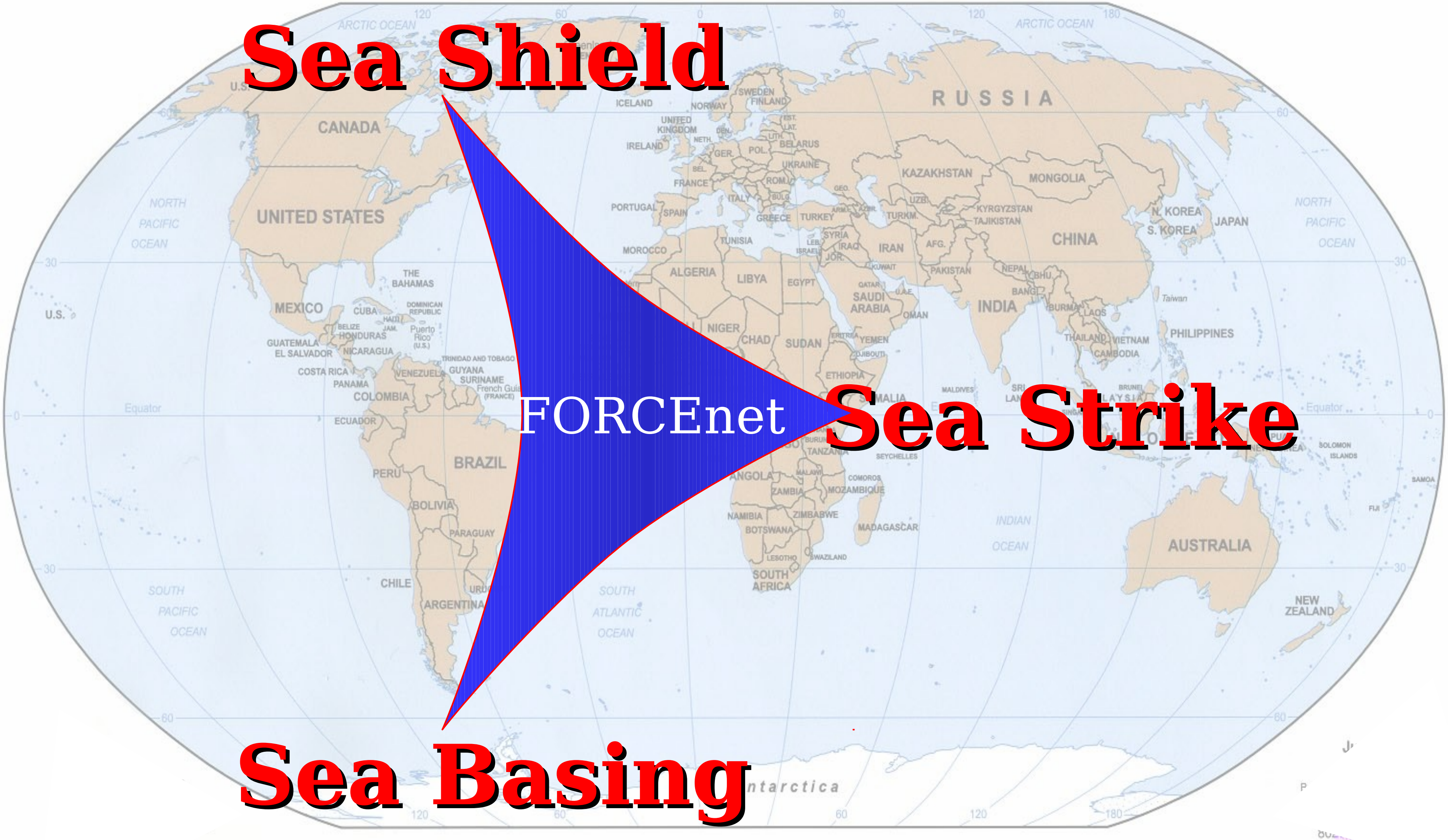
Marine Corps Visi

Characteristics of an *Expeditionary* Force:

- **Agile and flexible force**
- **Capable of a broad range of military objectives**
- **Deploy rapidly**
- **Enter objective though forcible means**
- **Sustain itself for an extended period of time**
- **Withdraw quickly**

General J. L. Jones
CMC
What's in a Word?
AFJI - Oct 2000

SEA POWER 21



ARCTIC OCEAN
CANADA
UNITED STATES
NORTH PACIFIC OCEAN
MEXICO
CUBA
THE BAHAMAS
COLOMBIA
BRAZIL
PERU
BOLIVIA
PARAGUAY
CHILE
ARGENTINA
SOUTH PACIFIC OCEAN
SOUTH ATLANTIC OCEAN
ICELAND
NORWAY
UNITED KINGDOM
IRELAND
FRANCE
SPAIN
PORTUGAL
MOROCCO
ALGERIA
LIBYA
EGYPT
NIGER
CHAD
SUDAN
ETHIOPIA
ANGOLA
ZAMBIA
NAMIBIA
BOTSWANA
SOUTH AFRICA
MADAGASCAR
RUSSIA
KAZAKHSTAN
MONGOLIA
CHINA
JAPAN
INDIA
IRAN
SAUDI ARABIA
TURKEY
PHILIPPINES
INDIAN OCEAN
AUSTRALIA
NEW ZEALAND
Antarctica
Equator

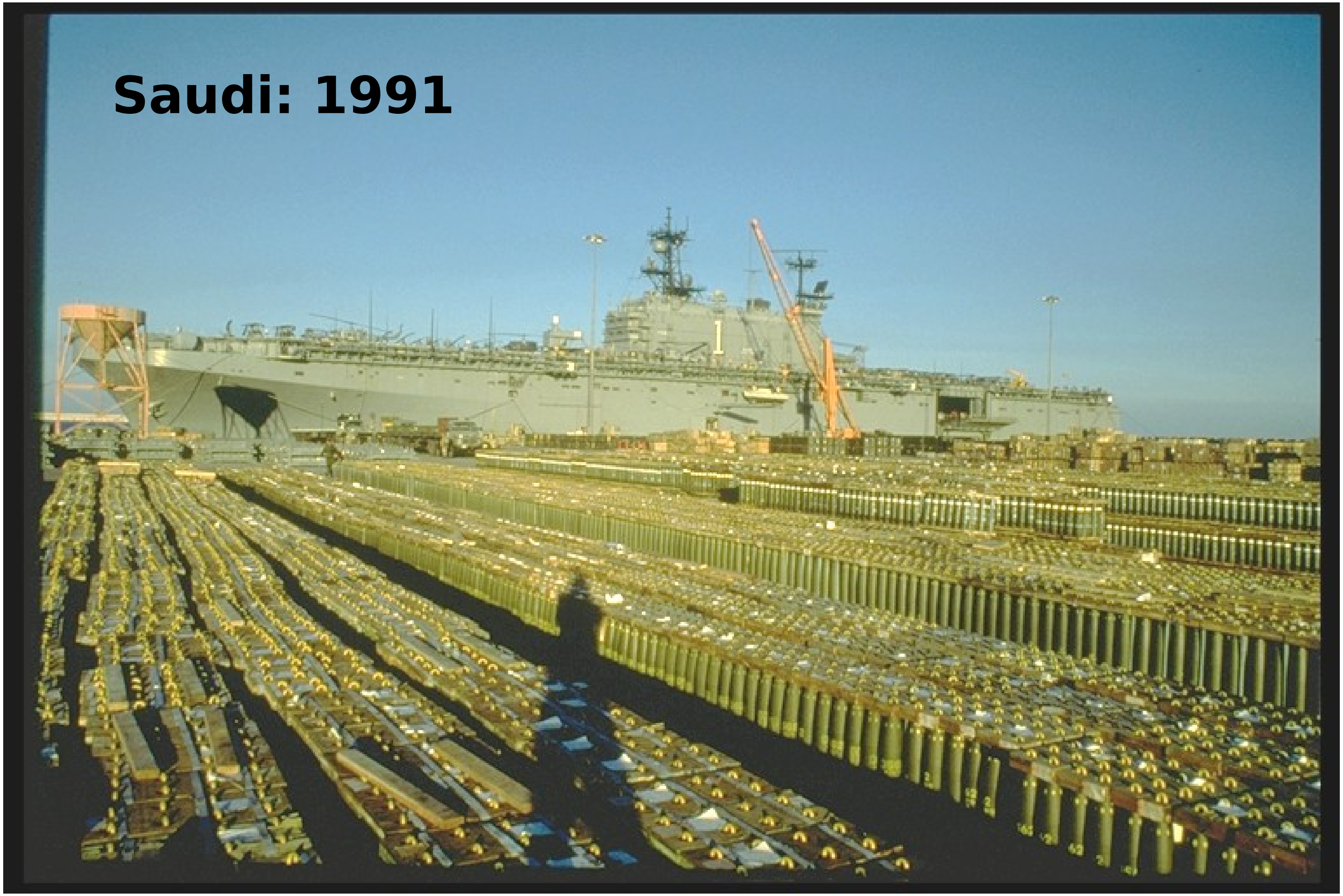
Sea Shield

FORCEnet

Sea Strike

Sea Basing

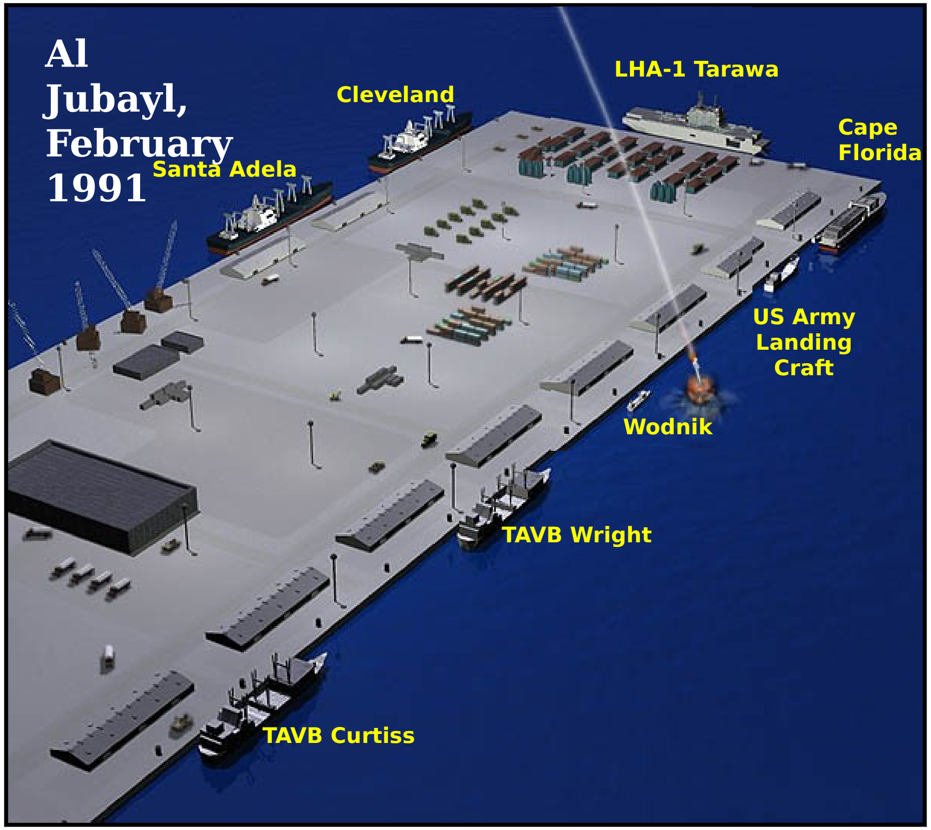
Why A Sea-Base?

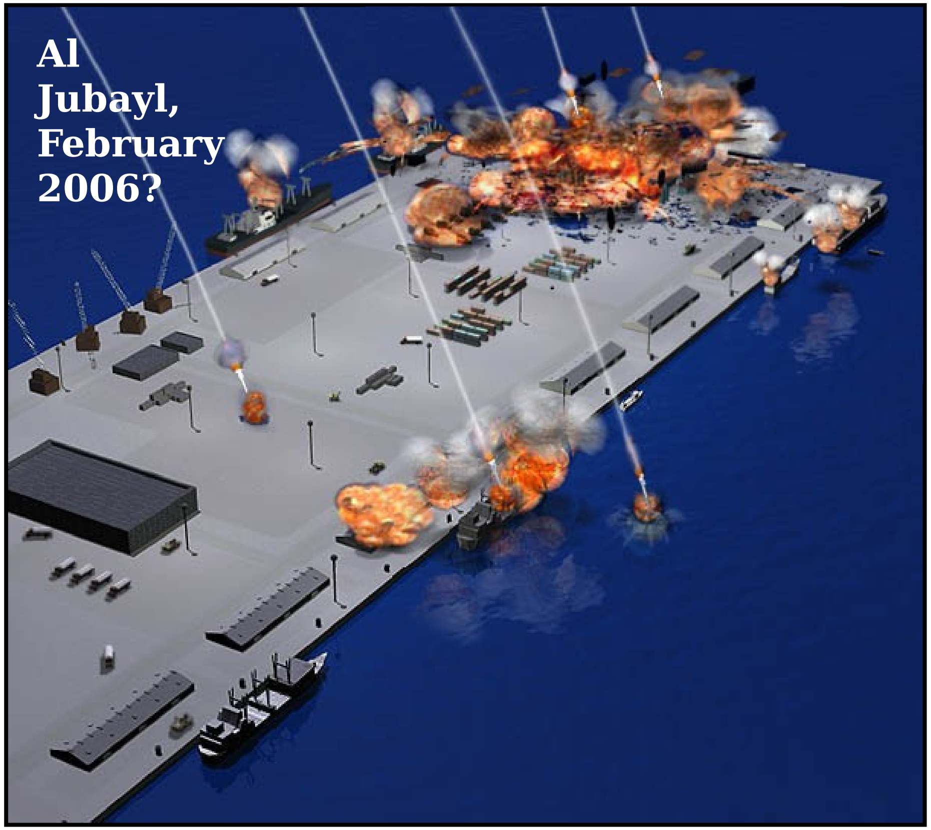


Saudi: 1991

Why Change?

Application of Anti-Access


Al Jubayl, February 1991
Cleveland
LHA-1 Tarawa
Santa Adela
Cape Florida
US Army Landing Craft
Wodnik
TAVB Wright
TAVB Curtiss


Al Jubayl, February 2006?

Show Sea-Basing Video

CLF

FLS vs. FLC

Shuttle Ships

MATCONOFF

INREP

CONREP

UNREP

VERTREP

FFV

CTF-73

BGLC

FLS

Station Ships

Where is the Green in this System?

Sea State 5

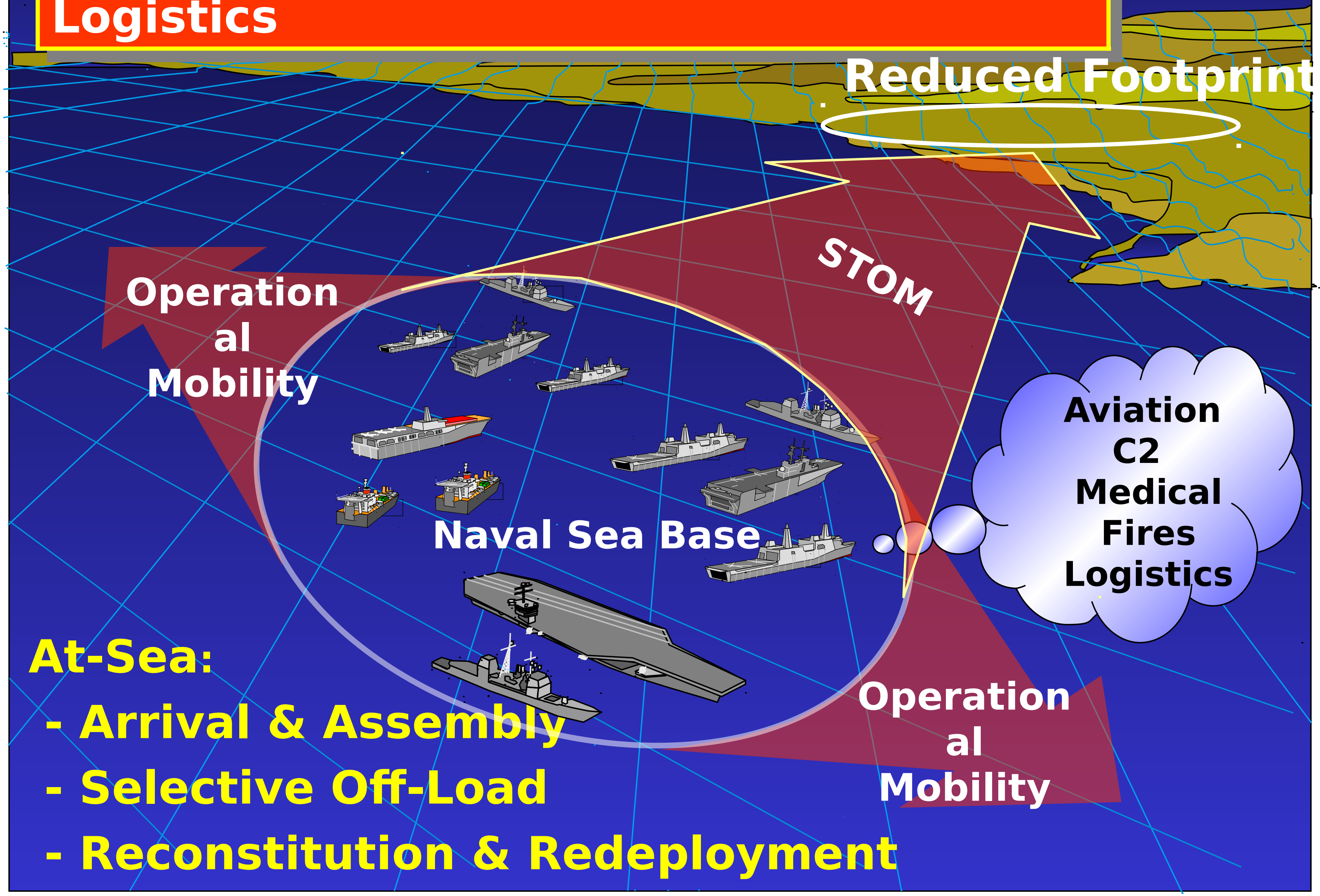
AOE vs. AFS

Underway Replenishment Coordinator (URC)

ALSS

CTF-53

There is more to Sea-Basing than just Logistics


Reduced Footprint
STOM
Operational Mobility
Naval Sea Base
Aviation
C2
Medical
Fires
Logistics
Operational Mobility

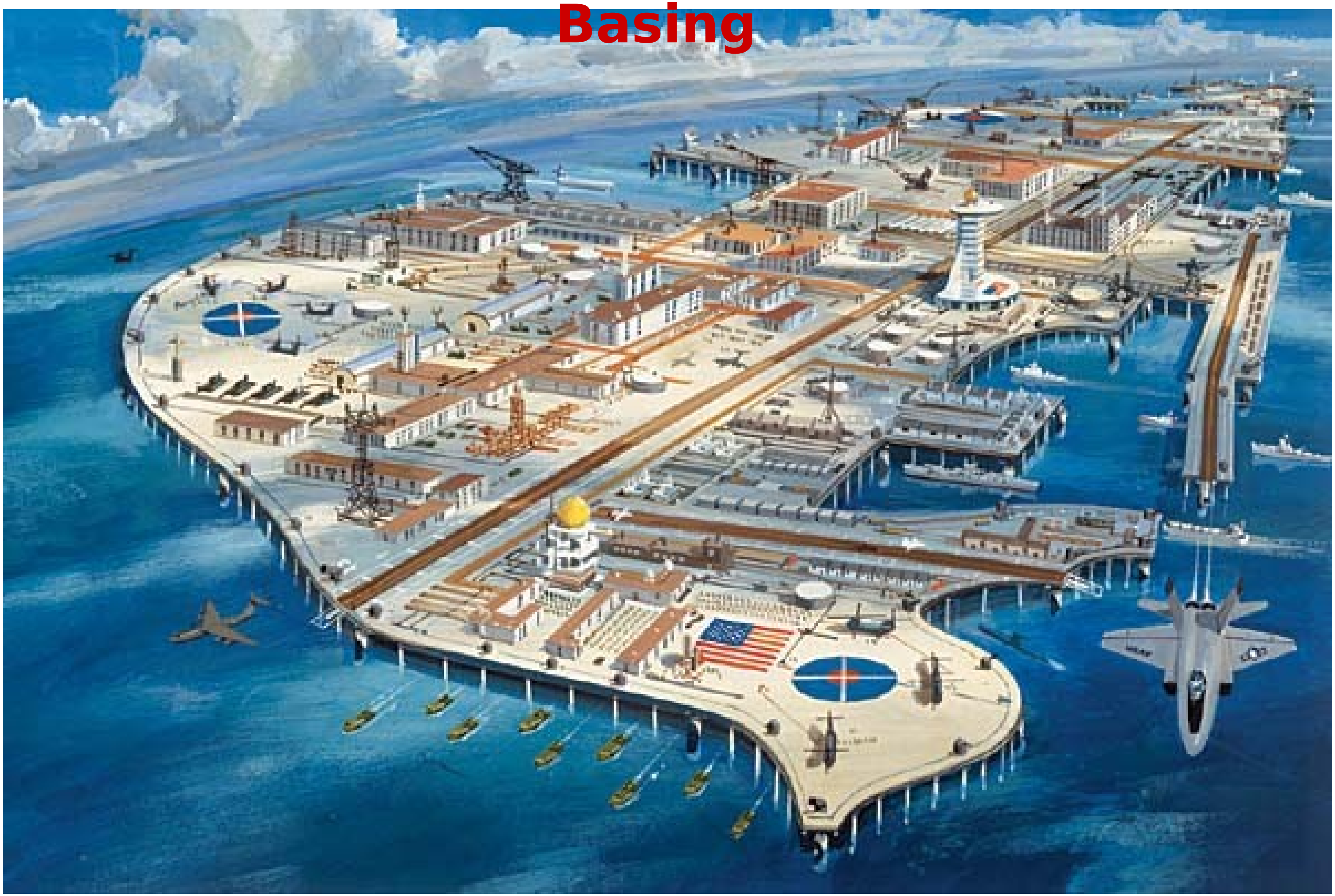
At-Sea:

- Arrival & Assembly
- Selective Off-Load
- Reconstitution & Redeployment

Sea-Basing Reduces

- Rear Area Security Vulnerabilities
- Vulnerable APODs/SPODs
- Dependence on HN Support & Reliability
- Gaps from RSO&I (Deployment . . . Employment)
- Development of a Communications Infrastructure
- Extensive Stockpile & Overland Movement of Supplies
- Engineering – Facilities Enhancement Ashore
- Force & Logistic Footprints within Missile Rings

Not the Marine Corps View of Sea-Basing



MPF Today…

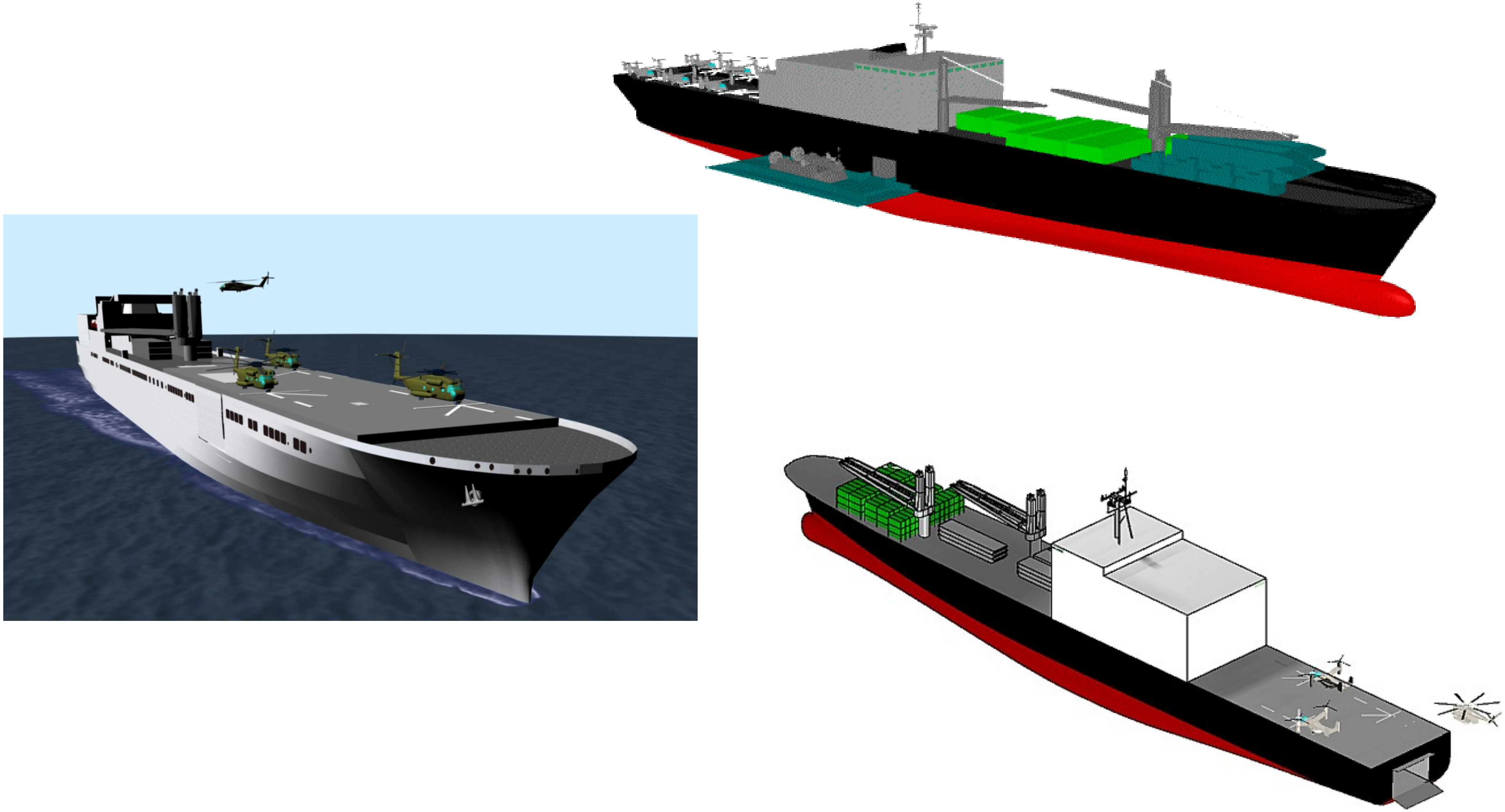
MPF Required Operational Capabilities Now…and Future

Provide mobile, long term, prepositioning of USMC unit equipment and supplies

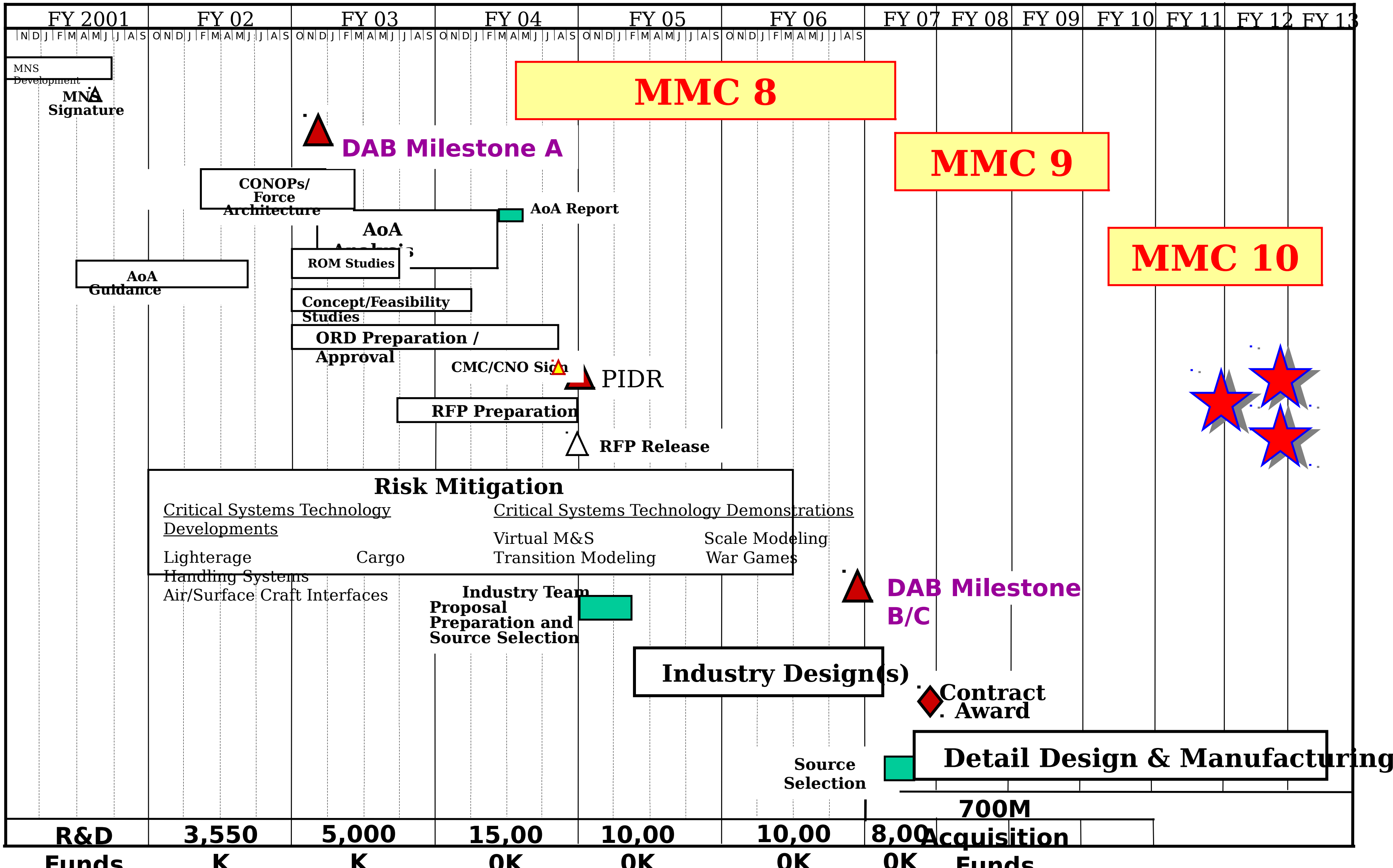
Includes:

- Loading, transporting, preserving, and storing equipment; at-sea arrival & assembly; basing for personnel and aircraft; forces arrive in theater ready to fight
- Fully crewed; troop berthing for 12,000 person MPF(F) MEB
- Capable of getting underway on 24 hours notice
- Capable of cargo operations in port or in stream; operational air and surface craft interface; selective off-load of RO/RO and sustainment cargo; at-sea replenishment via commercial or CLF ships

MPS-F…?



MPF-F Notional Schedule



FY 2001 | FY 02 | FY 03 | FY 04 | FY 05 | FY 06 | FY 07 | FY 08 | FY 09 | FY 10 | FY 11 | FY 12 | FY 13

N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S

MNS Development

MNS Signature

MMC 8

DAB Milestone A

MMC 9

CONOPs/ Force Architecture

AoA Report

AoA Analysis

MMC 10

ROM Studies

AoA Guidance

Concept/Feasibility Studies

ORD Preparation / Approval

CMC/CNO Sign

PIDR

RFP Preparation

RFP Release

Risk Mitigation

Critical Systems Technology Developments

Lighterage

Cargo

Handling Systems

Air/Surface Craft Interfaces

Critical Systems Technology Demonstrations

Virtual M&S

Scale Modeling

Transition Modeling

War Games

Industry Team Proposal Preparation and Source Selection

DAB Milestone B/C

Industry Design(s)

Contract Award

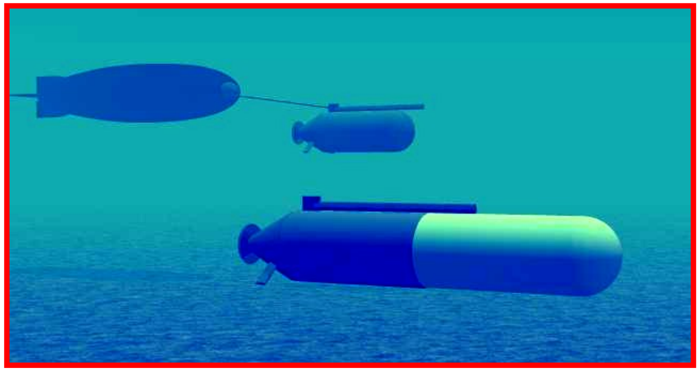
Source Selection

Detail Design & Manufacturing

R&D Funds	3,550K	5,000K	15,000K	10,000K	10,000K	8,000K	700M Acquisition Funds

Logistic Resupply must be Flexible

HSV-X1
HSV-X1



An Enhanced Sea-Base…

- A Profound change to Future **USMC** & **Naval** Operations
- Must move beyond interoperability
- MPF-F, as part of the Sea-Base, will reinforce the CLF
  - Fuels & Cargo
  - Transshipment Point *supporting* Surface Combatants (ESGs & CSGs)
- How to achieve more intermodal capabilities?
- **Naval** TAV & ITV must support the **Joint Commander.**
- Can the **Naval Logistics’** business practices change?
- Integration of **Naval Log & Ops** = a **Joint Force Multiplier**

"…Future Marine Corps operational concepts, contained in Expeditionary Maneuver Warfare (EMW), will depend a great deal on the use of Naval Logistics. A cornerstone of our use will be with the emerging Naval Sea-Base concept….”

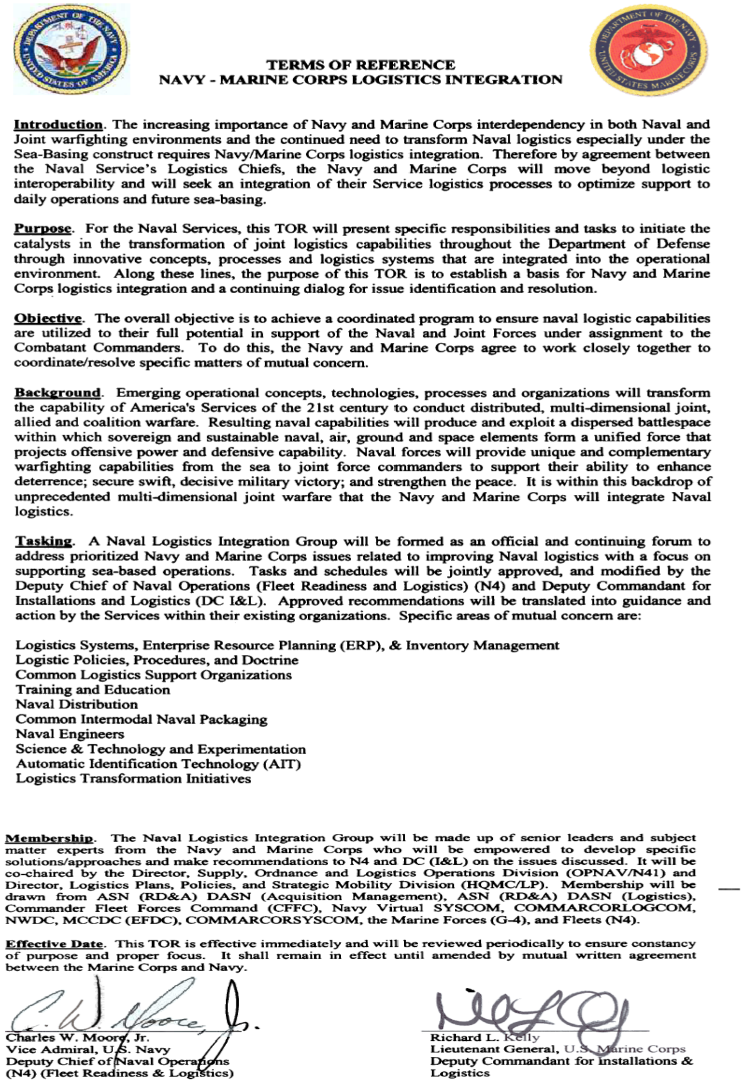
Aug 2001

I&L and N4 TOR on

Naval Logistics Integration

Signed - July 2003

Terms of Reference



TERMS OF REFERENCE
NAVY - MARINE CORPS LOGISTICS INTEGRATION

Introduction. The increasing importance of Navy and Marine Corps interdependency in both Naval and Joint warfighting environments and the continued need to transform Naval logistics especially under the Sea-Basing construct requires Navy/Marine Corps logistics integration. Therefore by agreement between the Naval Service's Logistics Chiefs, the Navy and Marine Corps will move beyond logistic interoperability and will seek an integration of their Service logistics processes to optimize support to daily operations and future sea-basing.

Purpose. For the Naval Services, this TOR will present specific responsibilities and tasks to initiate the catalysts in the transformation of joint logistics capabilities throughout the Department of Defense through innovative concepts, processes and logistics systems that are integrated into the operational environment. Along these lines, the purpose of this TOR is to establish a basis for Navy and Marine Corps logistics integration and a continuing dialog for issue identification and resolution.

Objective. The overall objective is to achieve a coordinated program to ensure naval logistic capabilities are utilized to their full potential in support of the Naval and Joint Forces under assignment to the Combatant Commanders. To do this, the Navy and Marine Corps agree to work closely together to coordinate/resolve specific matters of mutual concern.

Background. Emerging operational concepts, technologies, processes and organizations will transform the capability of America's Services of the 21st century to conduct distributed, multi-dimensional joint, allied and coalition warfare. Resulting naval capabilities will produce and exploit a dispersed battlespace within which sovereign and sustainable naval, air, ground and space elements form a unified force that projects offensive power and defensive capability. Naval forces will provide unique and complementary warfighting capabilities from the sea to joint force commanders to support their ability to enhance deterrence; secure swift, decisive military victory; and strengthen the peace. It is within this backdrop of unprecedented multi-dimensional joint warfare that the Navy and Marine Corps will integrate Naval logistics.

Tasking. A Naval Logistics Integration Group will be formed as an official and continuing forum to address prioritized Navy and Marine Corps issues related to improving Naval logistics with a focus on supporting sea-based operations. Tasks and schedules will be jointly approved, and modified by the Deputy Chief of Naval Operations (Fleet Readiness and Logistics) (N4) and Deputy Commandant for Installations and Logistics (DC I&L). Approved recommendations will be translated into guidance and action by the Services within their existing organizations. Specific areas of mutual concern are:

Logistics Systems, Enterprise Resource Planning (ERP), & Inventory Management
Logistic Policies, Procedures, and Doctrine
Common Logistics Support Organizations
Training and Education
Naval Distribution
Common Intermodal Naval Packaging
Naval Engineers
Science & Technology and Experimentation
Automatic Identification Technology (AIT)
Logistics Transformation Initiatives

Membership. The Naval Logistics Integration Group will be made up of senior leaders and subject matter experts from the Navy and Marine Corps who will be empowered to develop specific solutions/approaches and make recommendations to N4 and DC (I&L) on the issues discussed. It will be co-chaired by the Director, Supply, Ordnance and Logistics Operations Division (OPNAV/N41) and Director, Logistics Plans, Policies, and Strategic Mobility Division (HQMC/LP). Membership will be drawn from ASN (RD&A) DASN (Acquisition Management), ASN (RD&A) DASN (Logistics), Commander Fleet Forces Command (CFFC), Navy Virtual SYSCOM, COMMARCORLOGCOM, NWDC, MCCDC (EFDC), COMMARCORSYSCOM, the Marine Forces (G-4), and Fleets (N4).

Effective Date. This TOR is effective immediately and will be reviewed periodically to ensure constancy of purpose and proper focus. It shall remain in effect until amended by mutual written agreement between the Marine Corps and Navy.

C. W. Moore, Jr.
Charles W. Moore, Jr.
Vice Admiral, U.S. Navy
Deputy Chief of Naval Operations
(N4) (Fleet Readiness & Logistics)

Richard L. Kelly
Lieutenant General, U.S. Marine Corps
Deputy Commandant for Installations &
Logistics

Guidance

"Develop a plan to ***integrate USN-USMC logistics****, command and control, and intelligence organizations."*

Actions

TOR signed by VADM Moore, Deputy Chief of Naval Operations (Fleet Readiness & Logistics) and LtGen Kelly, Deputy Commandant for Installations & Logistics

- Establishes a basis for Navy and Marine Corps Logistics Integration.
- Forms a NLI working group - Co-chaired by RDML Thompson (OPNAV N41) and BGEN Usher (HQMC/LP)

Scope…

The Navy and Marine Corps will move beyond logistic interoperability and will seek an integration of their Service logistics processes to optimize support to daily operations and future sea-basing

Objective…

To ensure naval logistic capabilities are utilized to their full potential in support of the Naval and Joint Forces under assignment to the Combatant Commanders

Areas of Mutual Concern

- Logistics Systems, Enterprise Resource Planning (ERP), & Inventory Management
- Logistic Policies, Procedures, and Doctrine
- Common Logistics Support Organizations
- Training and Education
- Naval Distribution
- Common Intermodal Naval Packaging
- Naval Engineers
- Science & Technology and Experimentation
- Automatic Identification Technology (AIT)
- Logistics Transformation Initiatives

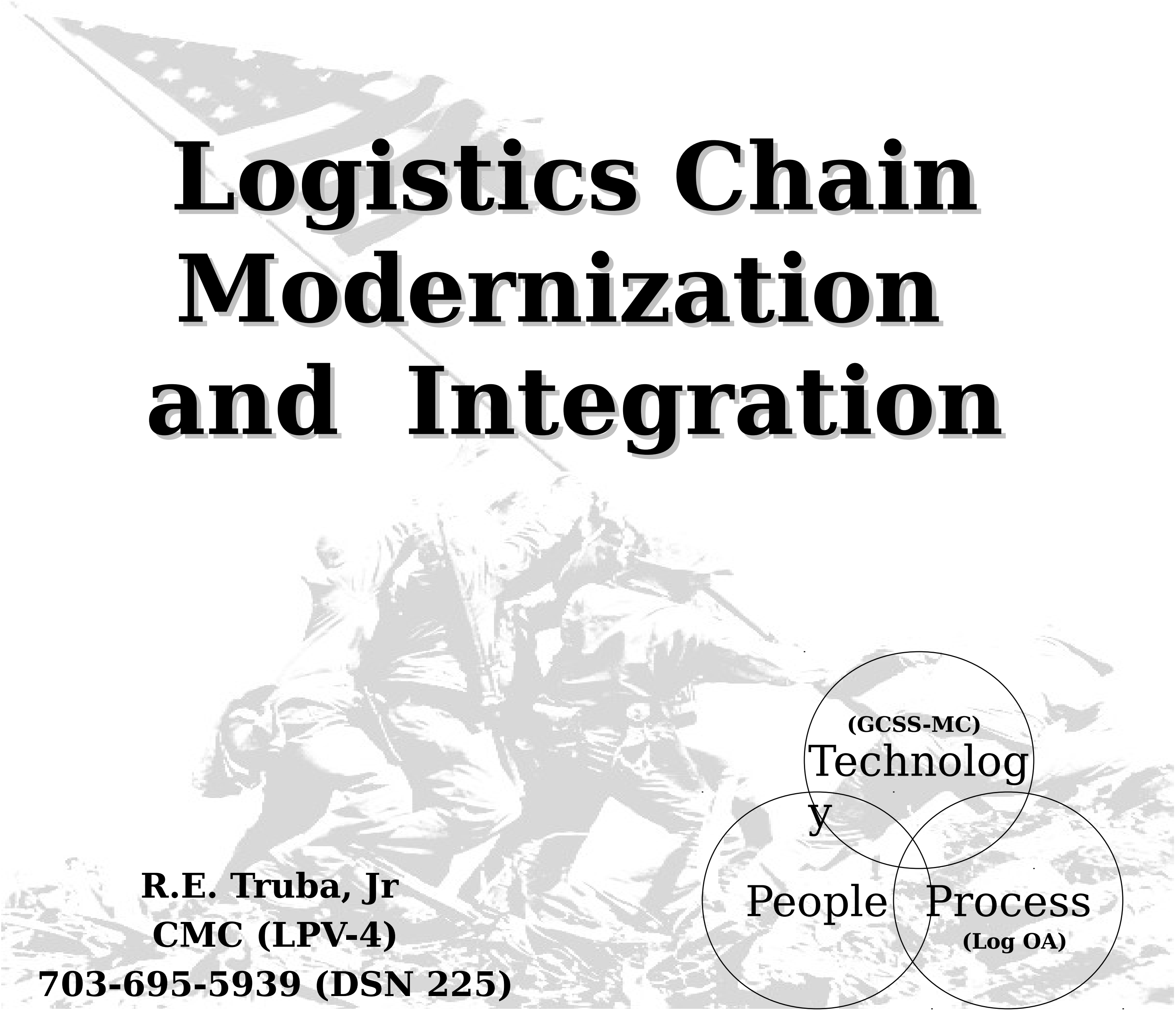
Long Term Goal...

Make Naval Logistics

...More Naval!

The Sea-Base is much more than just Logistics…

but Logistics gives you the Sea-Base



Logistics Chain Modernization and Integration

(GCSS-MC)
Technolog
y

People

Process
(Log OA)

R.E. Truba, Jr
CMC (LPV-4)
703-695-5939 (DSN 225)

Agenda

- Background
- Logistics Enterprise Integration (LEI)Approach (three part)
  - Processes
  - Technology (LtCol Rackham)
  - People (LtCol Montemayor)
- Current Direction
- Logistics Chain Operational Architecture (OA) Primer
- Measures Of Effectiveness
- Wrap-up

Background

- We can’t afford to continue current supply/maintenance—too costly, no Logistics C2, stove-piped, not expeditionary, too much training required.
- Current Log IT doesn’t enable the MAGTF to
  - Operate effectively in Joint arena
  - Share data internally or externally
  - Support Marine Component Comdr’s log information requirements
  - Support flow of information from tactical to operational to strategic levels (i.e., ITV/TAV)
- Log IT based upon 1960’s processes and enabled by 1970’s technology

Background (con’t)

- 1998—the Marine Corps initiated actions to improve logistics support to MAGTF and modernize IT:
  - Fix the processes first (the procedures for requesting and providing logistics)!
  - Led to development of the Logistics Operational Architecture (2002) and establishment of GCSS-MC as Program of Record (2003)
  - Will be the reference for future process/IT changes within the Operating Forces

LEI Approach

- Fix the processes
- Identify the right IT solutions
- Acquire and configure commercial-off-the-shelf software (COTS)
- Implement in blocks
- Work toward a shared data environment
- Manage systems as a capabilities-based portfolio

LEI Approach (con’t)

- Apply supply chain management principles
- Single process owner for logistics
- Improve metrics
- Use best practices
- Promote use of common commercial parts
- Align distribution and materiel management processes

- Single retail supply activity per MEF
- Simplify process at end-user level
- Improve inventory mgt
- Ensure total asset visibility
- Improve responsiveness and customer support
- Robust planning and forecasting capabilities

- Collapse echelons of Maintenance (5 to 3)
- Move major rebuild to depot level
- Improve visibility of maintenance activities
- Increase use of 3rd Party providers
- Promote self-diagnostic capability for equipment
- Simplify processes at end-user level

LEI Current Direction

- Institutionalize Change
    - Deliver OA to MCCDC (DOTMLPF process) and engage TECOM
    - GCSS-MC is now a Program of Record (Oct 03)
    - SMEs (10) on board in Summer 04 to help the integrator
    - Policy Change of 5 EOM to 3 Levels
    - Engage the MEFs

LEI Current Direction (con’t)

- Lay the Groundwork for Future Change
  - Turnover the Quadrant Model to LOGCOM
  - Facilitate/support MEF Change Mgt Efforts
    - Logistics OAGs in the MEFs
    - Visit the MEFs and include them in key decisions/policy changes
  - CSSE Organizational Issues on the Horizon
    - GS/DS and how it fits the OA
    - Habitual Relationships

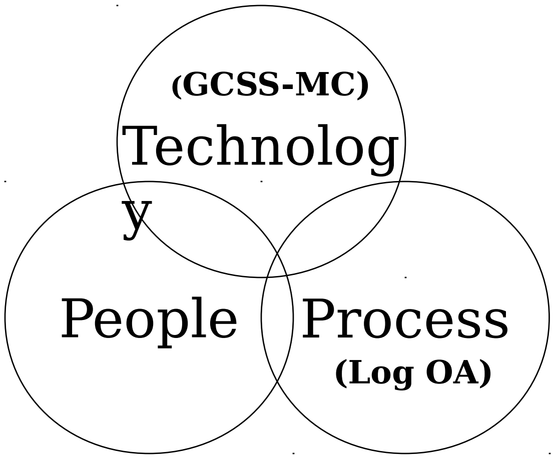
LEI Current Direction (con’t)

- Communications Plan: “Greening” the LEI message:
  - ***Not*** a “People Grab” or “CSS Migration”
  - ***Not*** a “Cookie Cutter” Approach (2d FSSG)
  - Effectiveness ***over*** Efficiency
  - Translating the OA for Napoleon’s Corporal
  - Updating old ILC Web Site
  - New Briefs for Flags, AOs, NCOs, Beltway

LEI Current Direction (con’t)

- Engagement at all Levels
  - DC I&L to MARFOR CGs
  - Director LP to Critical “Disciples”
  - LPV (all of I&L) to Operating Forces

Logistics Chain Operational Architecture Primer



(GCSS-MC)

Technology

People

Process

(Log OA)

Logistics Chain Operational Architecture (OA)

- *What is the Log OA?* A graphical depiction of future logistics/CSS functions, procedures, and capabilities based on integrated logistics chain management principles and best practices

- *Why did we complete the OA?* To understand and document how we want to conduct logistics in the future, what information we need, and how we intend to use the data.

Logistics Chain Management Concept

- Provides functional rqmnts for GCSS-MC
- Lays out logistics/CSS request and support procedures
- Emphasizes Logistics “Chain” Mgmt adaptable to MAGTF’s Expeditionary Nature
- Breaks down functional (supply, maint, transportation) stovepipes using a shared data environment

Logistics Chain Management Concept (con’t)

- Log OA provides a detailed depiction of MAGTF operational relationships
  - Roles
  - Relationships
  - Procedures for logistics support
  - Measures of Effectiveness (MOE’s)

Logistics Chain OA Functions

- **Request Management**: *(Rapid Request)* Function of generating and approving supported unit demands.
- **Order Management**: *(Logistics Task Order)* Function of receiving, coordinating, tasking, and tracking supported unit orders through to fulfillment.
- **Capacity Management**: *(CSS Estimate of Supportability)* Function of managing, optimizing, prioritizing, and planning resources and capacity to fulfill customer demands.
- **Production Management**: *(Tasking of Resources)* Function of coordinating, planning, tasking, and controlling how customer demands are fulfilled.
- **Execution**: Function of executing CSS tasks to fulfill customer demands.
- **Logistics Chain Planning**: Function of planning the execution of anticipated customer demands.

Logistics Chain Relationships

- **Supported Unit**: *(Battalion-level)*. Generates demands for CSS and conducts mission planning. Identifies requirements to their supporting unit.
- **Supporting Unit**: (*CSSE)* Provides DS/GS CSS for supported units. Plans and manages logistics/CSS capacity at the operational/tactical level. Coordinates with external providers.
- **Providers**: External suppliers/providers (to the MAGTF). Fulfills support requests of the supporting unit.
- **Logistics Chain Integrator**: Plans and configures the logistics chain at the strategic/operational level. Examples:
  - Tactical/Operational Level: MEF G-4
  - Strategic Level: LOGCOM

Strengthening Logistics Chain Relationships

- The Log OA:
  - Gives the ***Supported*** Unit an effective way to rapidly communicate logistics requirements
  - Gives the ***Supporting*** Unit the means to quickly coordinate logistics/CSS requirements
  - Gives the MAGTF the ability to manage logistics resources and capacity
  - Gives the MAGTF the ability to synchronize CSS and maneuver actions
  - Provides new Measures of Effectiveness (including cost and financial information)
  - Provides visibility of asset information and readiness

CSSE Operational Relationships

GS Relationship

DS Relationship

FSSG

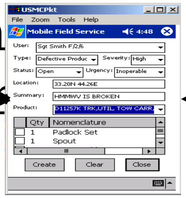
RLT

Estimates of Supportability

- **- Maintenance**
- **- Engineer**
- **- Inventory**
- **- Distribution**
- **- Procurement**

Logistics Ta

Or

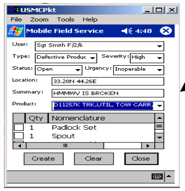


USMCPkt
File Zoom Tools Help
Mobile Field Service 4:48
Create
Clear
Close

User: Sgt Smith F/2/6
Type: Defective Produc
Severity: High
Status: Open
Urgency: Inoperable
Location: 33.20N 44.26E
Summary: HMMWV IS BROKEN
Product: D11257K TRK,UTIL, TOW CARR,

	Qty	Nomenclature
☐	1	Padlock Set
☐	1	Spout

CSS



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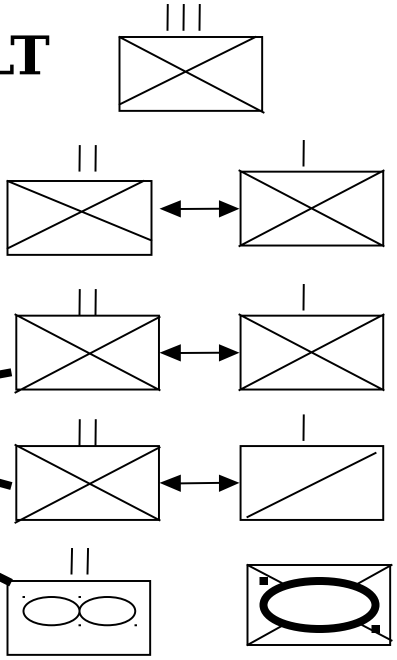
Portal



With OA and GCSS - MC

- Supported unit Visibility of all requests.
- Expedited management of CSS requests by Supporting Unit
- Expedites CSS Estimate of Supportability

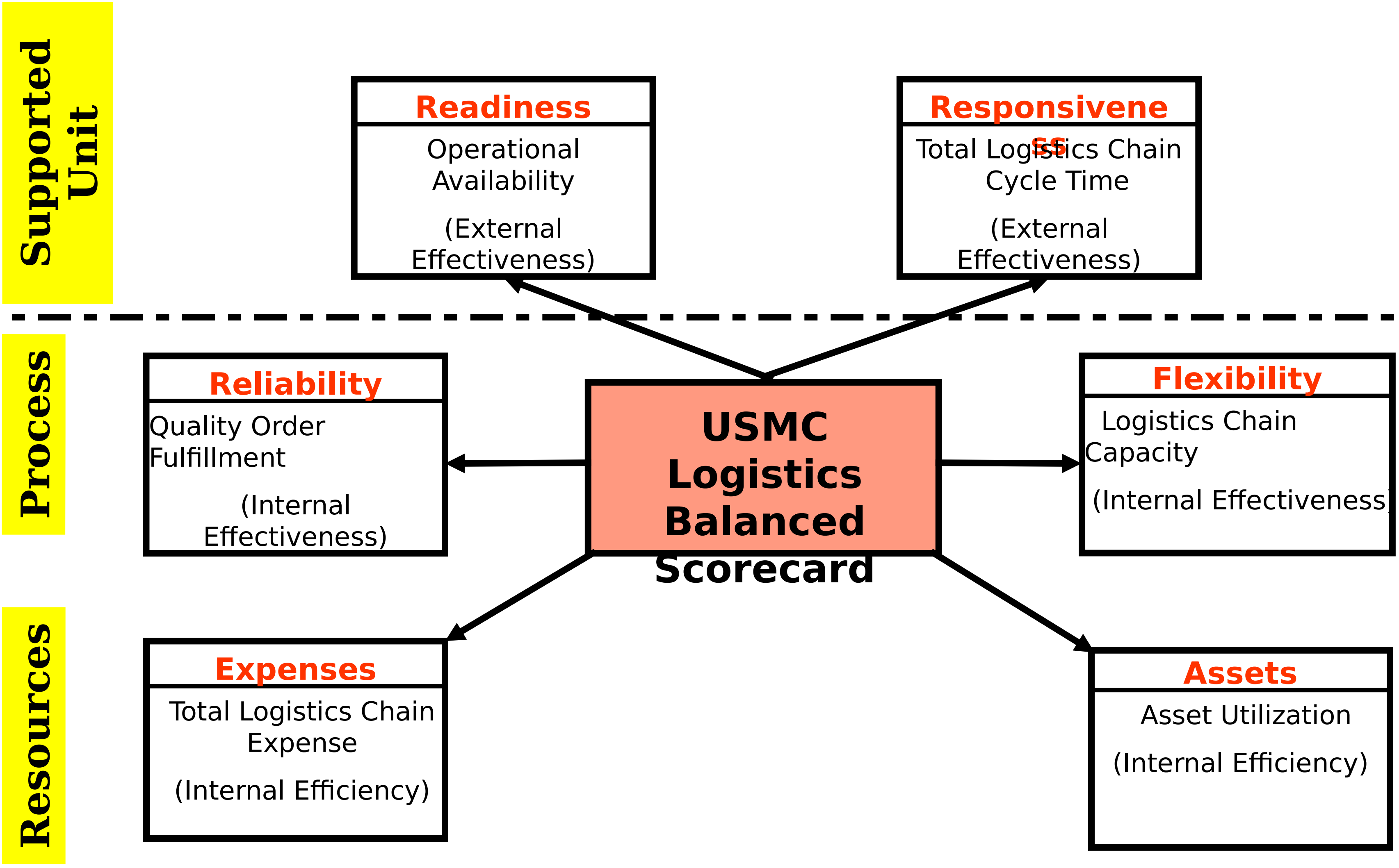
Request Sequence

- Supported Unit submits Rapid Request to Supporting Unit.
- DS CSS unit Evaluates Request, Tasks Organic resources or requests support from other Orga DS/GS assets.
- GCSS provides status and tracks support to requesting units.

How do we know good CSS?

- How have we been measuring CSS?
  - Functionally and internally
    - Supply: Fill rate for repair parts
    - Maintenance: # Contact Teams
    - Transportation: Miles driven, PAX transported
    - Engineering: Gallons of water purified, EOD inerts etc.
  - Perceptions ???

Future Logistics Measures of Effectiveness (MOEs)



Supported Unit

Readiness

Operational Availability

(External Effectiveness)

Responsiveness

Total Logistics Chain Cycle Time

(External Effectiveness)

Process

Reliability

Quality Order Fulfillment

(Internal Effectiveness)

USMC Logistics Balanced Scorecard

Flexibility

Logistics Chain Capacity

(Internal Effectiveness)

Resources

Expenses

Total Logistics Chain Expense

(Internal Efficiency)

Assets

Asset Utilization

(Internal Efficiency)

Key Ongoing Initiatives

- RSF activities from Supported to Supporting Units (CTEP, NBC, Corrosion).
- MAGTF Distribution Enhancements (ITV)
- Performance Based Agreement (PBA)
- Ground Equipment Storage Program (GESP)
- ROM Planning Group (Oct 03)
- II MEF Logistics Planning Group Stand-Up (Nov 03).
- End to End Distribution
- Naval Integration

Wrap-Up

Logistics modernization is on the right track

- “Big bangs” are fast, but fail often
- Phased implementations take longer, but yield a much greater probability for success
- Leadership commitment is a must for success

What we need

- Support for the Log OA and GCSS-MC

- Stay the course

- Your help in getting the word out

Questions?

GCSS-MC Update

27 Oct 2003
LtCol Bob Rackham
HQMC, LPV
RackhamR@hqmc.usmc.mil

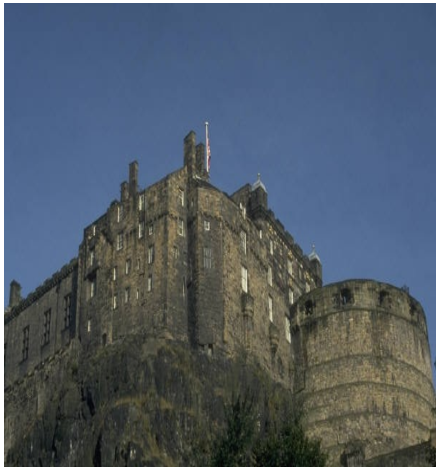
Topics To Cover

- Where did GCSS-MC come from?
- What is GCSS-MC?
- How will we get GCSS-MC?
- What will it do for us?
- How will it work?
- When will we see it?
- Questions and Answers

Once Upon A Time in Mainframe Land …

I MEF

III MEF



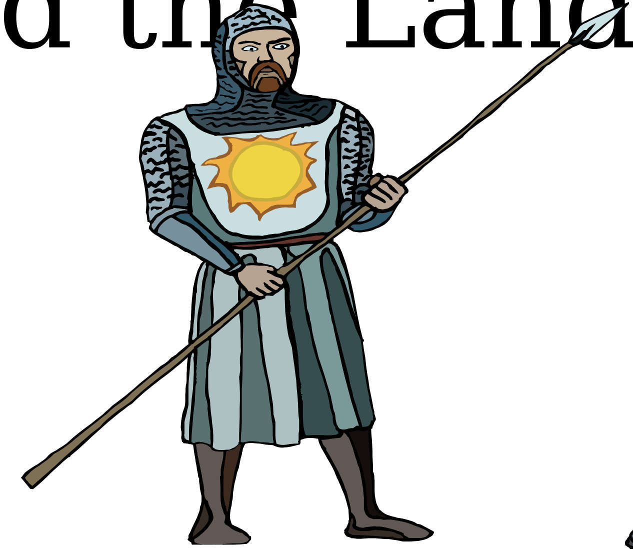
II MEF

MarForRes/Spt Establishmen

The Mainframe Barons Ruled the Land …

I MEF

II MEF



III MEF

MarForRes/Sp
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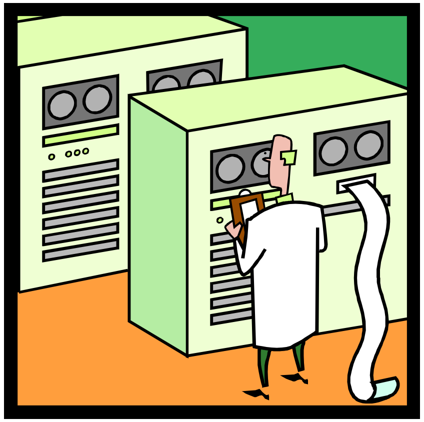
Establishmen

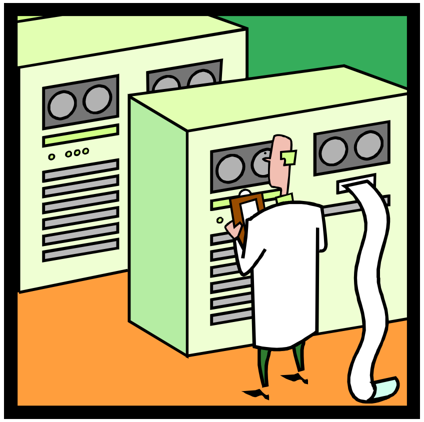
Their Systems Were Old…



And Required Much
Care

When Called upon to sally forth…

I MEF



The Systems Stayed Behind

The Barons were not pleased

I MEF

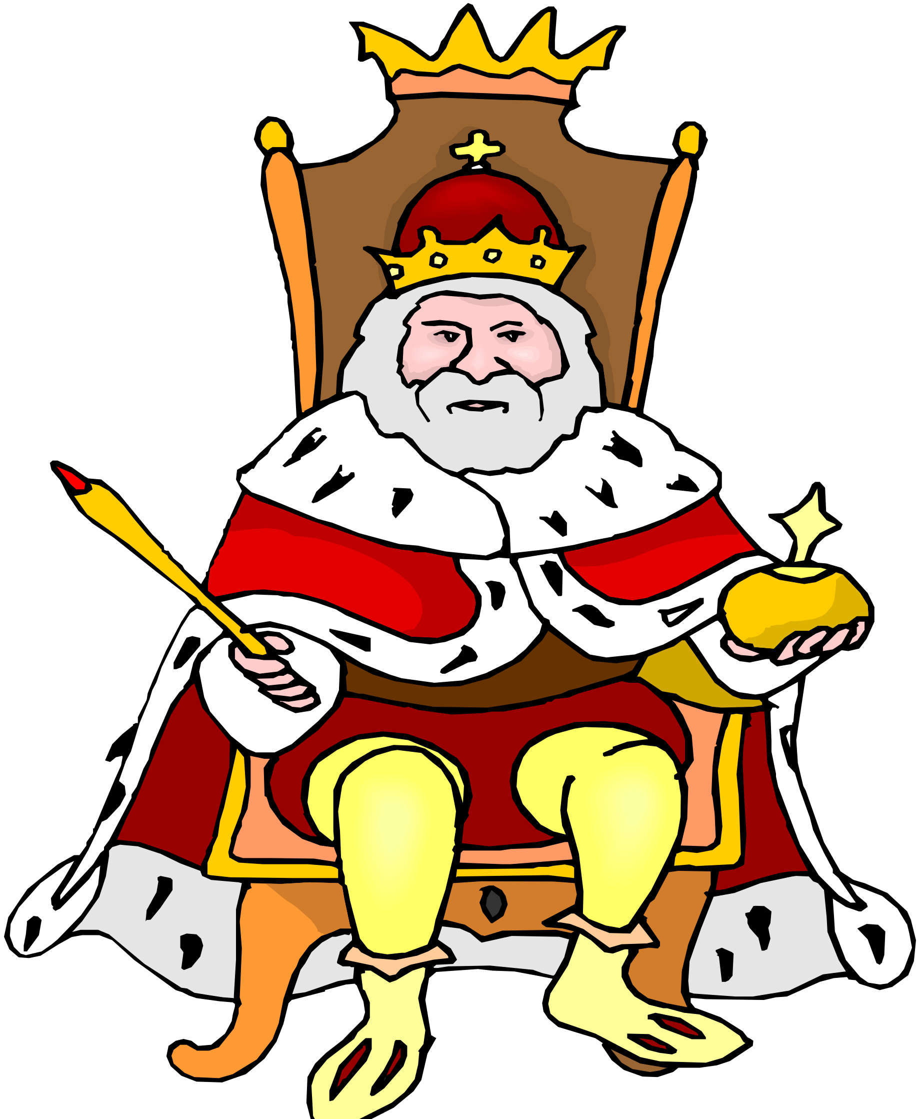
II MEF

III MEF

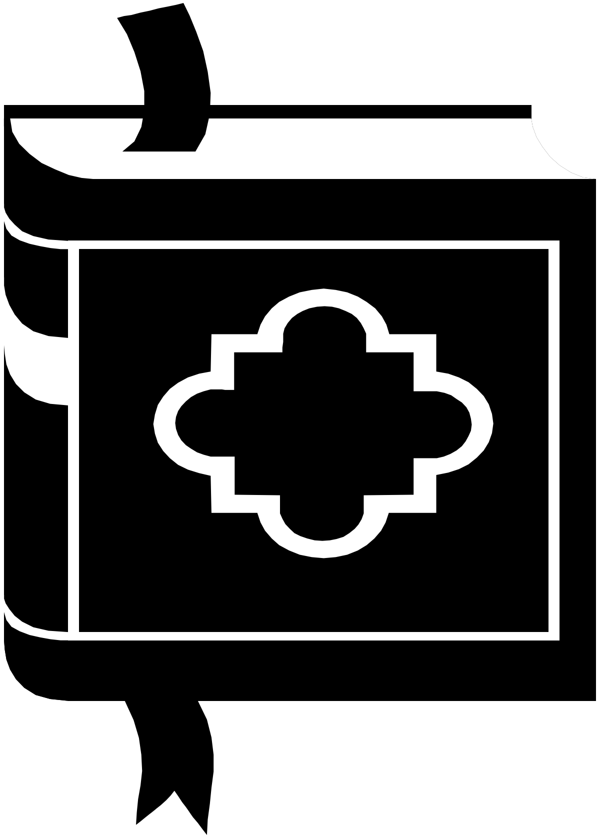
MarForRes/Spt Establishment

And Went to See….

The Advocate



They Presented Him…

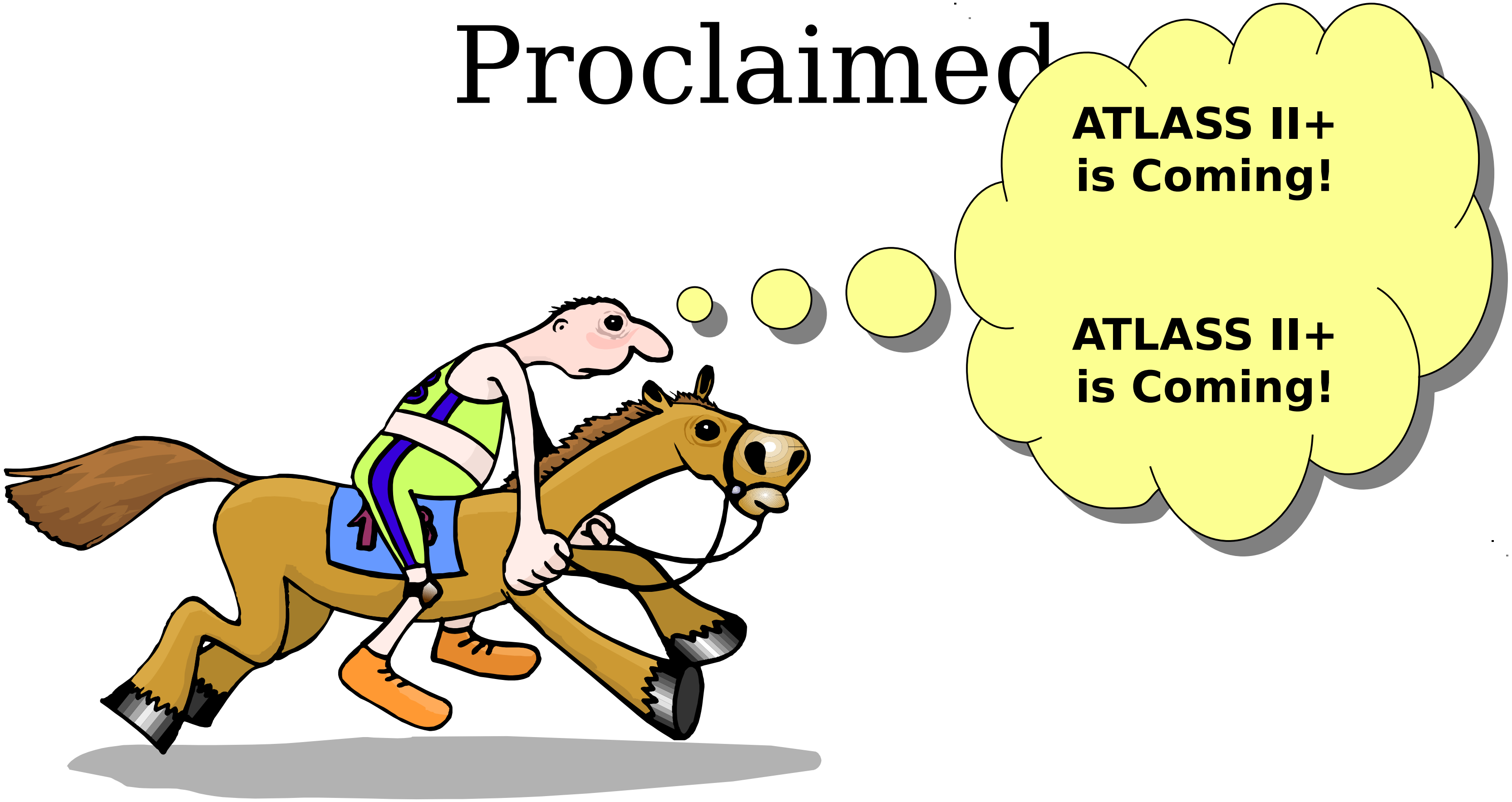


Requirements

The Requirements became a Program …

And a messenger was sent forth to the Barons.

The Messenger Proclaimed

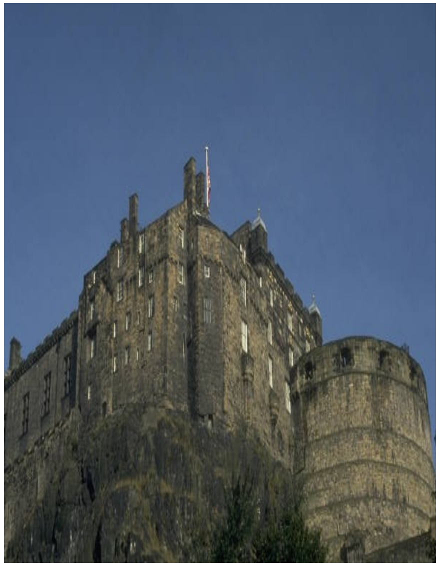

ATLASS II+ is Coming!
ATLASS II+ is Coming!

Among the Barons…

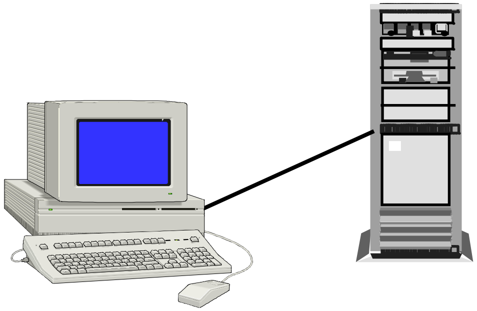
Come celebrate with us!

There Was much rejoicing

And a New System Arrived at…

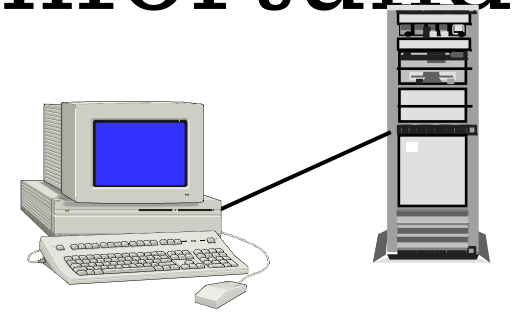


II MEF



ATLASS II+

Unfortunately…

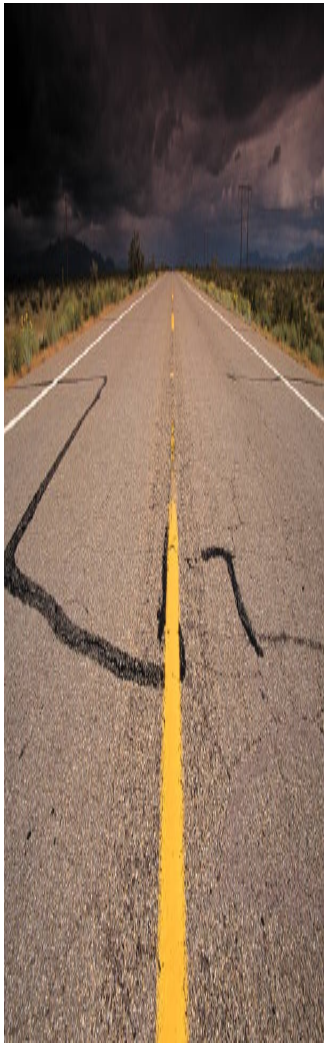


ATLASS II+

Was based in Old Technology, and the new system lost favor with the Advocate. Instead of being fielded to all the Barons, The advocate decreed that ATLASS II+ and the mainframe systems must…

Die…

A New Requirements Road was embarked upon… With many mile markers



–USMC MAGTF C4I MNS (CCC 31) 7 March 1997

–GCSS Joint Mission Needs Statement (MNS) 10 Sep 1997

–GCSS-MC ORD Approved by MROC on 29 April 1999

–GCSS Joint Capstone Requirements Document, 5 Jun 2000

–Combat Service Support Portal UNS – 26 July 2001

–Revised ORD during 2002 for JROC Review

–USMC Logistics Operational Architecture Completed in May 2002

–Completed O6 and Flag Level Reviews in Jan 2003

–GCSS-MC ORD Briefed to JRP on 8 July 2003

–GCSS-MC ORD Briefed to JRB on 21 July 2003

–GCSS-MC ORD Briefed via paper JROC in August 2003

–GCSS-MC ORD approved by all services and the Joint Staff in September 203

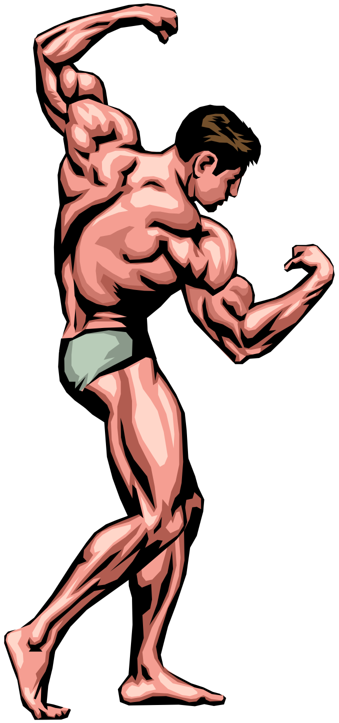
–Vice Chairman of the Joint Chiefs of Staff signed JROC memorandum approving GCSS-MC ORD on 11 Sep 2003

–LtGen Kelly Signs GCSS-MC ORD on 29 Sep 2003

On 1 Oct 2003…The Sun came up on a new baby…

GCSS-MC

Complete with support from:



The
Advocate

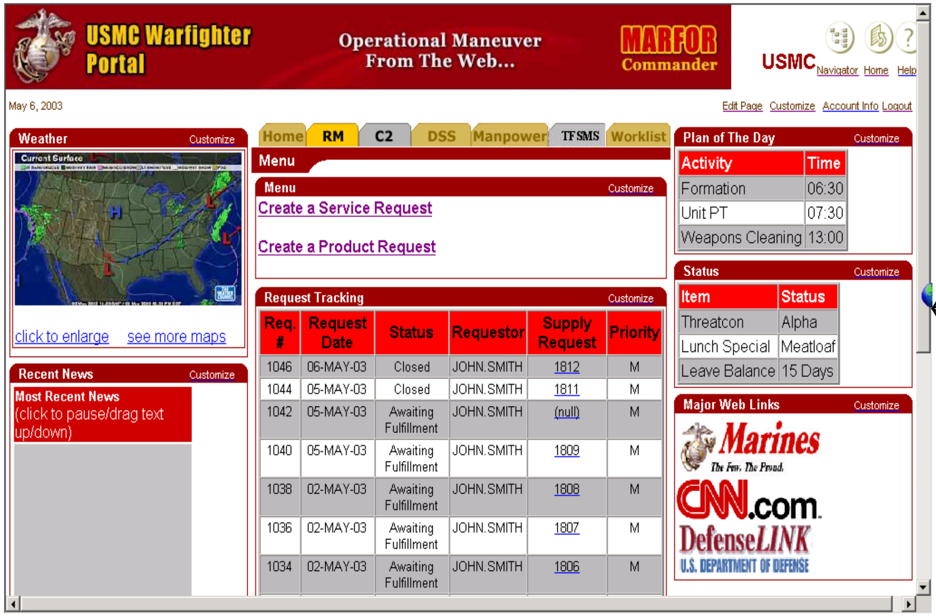
The JROC

A funding Stream

A New Message is being Sent…

GCSS-MC Is coming!!
GCSS-MC is coming!

So what exactly is this GCSS-MC?


USMC Warfighter Portal
Operational Maneuver From The Web...
MARFOR Commander
USMC
Navigator Home Help

May 6, 2003

Edit Page Customize Account Info Logout
Weather Customize
Current Surface
click to enlarge see more maps
Recent News Customize
Home RM C2 DSS Manpower TFSMS Worklist
Menu
Menu Customize

Most Recent News
(click to pause/drag text up/down)

Create a Service Request

Create a Product Request

Plan of The Day

Activity	Time
Formation	06:30
Unit PT	07:30
Weapons Cleaning	13:00

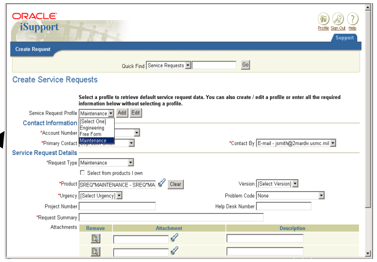
Status

Item	Status
Threatcon	Alpha
Lunch Special	Meatloaf
Leave Balance	15 Days

Request Tracking

Req. #	Request Date	Status	Requestor	Supply Request	Priority
1046	06-MAY-03	Closed	JOHN.SMITH	1812	M
1044	05-MAY-03	Closed	JOHN.SMITH	1811	M
1042	05-MAY-03	Awaiting Fulfillment	JOHN.SMITH	(null)	M
1040	05-MAY-03	Awaiting Fulfillment	JOHN.SMITH	1809	M
1038	02-MAY-03	Awaiting Fulfillment	JOHN.SMITH	1808	M
1036	02-MAY-03	Awaiting Fulfillment	JOHN.SMITH	1807	M
1034	02-MAY-03	Awaiting Fulfillment	JOHN.SMITH	1806	M

Major Web Links Customize
Marines The Few. The Proud.
CNN.com
DefenseLINK U.S. DEPARTMENT OF DEFENSE


ORACLE iSupport
Profile Sign Out Help
Support
Create Request
Quick Find
Go
Add Edit
Clear
Remove Attachment Description

Create Service Requests

Select a profile to retrieve default service request data. You can also create / edit a profile or enter all the required information below without selecting a profile.

Service Request Profile: Maintenance ([Select One] / Engineering / Free Form / Maintenance)

Contact Information

*Account Number

*Primary Contact

*Contact By: E-mail - jsmith@2mardiv.usmc.mil

Service Request Details

*Request Type: Maintenance

☐ Select from products I own

*Product: SREQ*MAINTENANCE - SREQ*MA

Version: [Select Version]

*Urgency: [Select Urgency]

Problem Code: None

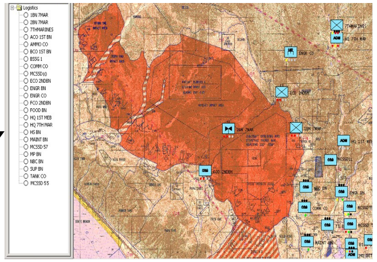
Project Number

Help Desk Number

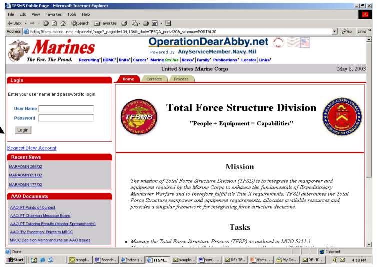
*Request Summary

Attachments

Request
Management
Order Manageme
Logistics Executio


Logistics
1BN 7MAR
2BN 7MAR
7THMARINES
ACO 1ST BN
AMMO CO
BCO 1ST BN
BSSG 1
COMM CO
MCSSD10
ECO 2NDBN
ENGR BN
ENGR CO
FCO 2NDBN
FOOD BN
HQ 1ST MEB
HQ 7TH MAR
HS BN
MAINT BN
MCSSD 57
MP BN
NBC BN
SUP BN
TANK CO
MCSSD 55

Logistics
Command &
Control


TFSMS Public Page - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites
Address http://tfsms.mccdc.usmc.mil/servlet/page?_pageid=134,136&_dad=TFSQA_portal30&_schema=PORTAL30
Marines The Few. The Proud.
OperationDearAbby.net Powered By AnyServiceMember.Navy.Mil
Recruiting HQMC Units Career MarineOnLine News Family Publications Locator Links
Home Contacts Process
Login
User Name
Password
Login
Request New Account
Recent News
MARADMIN 266/02
MARADMIN 651/02
MARADMIN 177/02
AAO Documents
AAO IPT Points of Contact
AAO IPT Chairman Message Board
AAO IPT Tailoring Results (Master Spreadsheets)
AAO "By Exception" Briefs to MROC
MROC Decision Memorandums on AAO Issues
Done Internet
Start troopli... Branch... https:/... TFSM... sample... sow1 -... RE: TF... tfsms- ... My Do... RE: IP... 4:18 PM

United States Marine Corps — May 8, 2003

Enter your user name and password to login.

Total Force Structure Division

"People + Equipment = Capabilities"

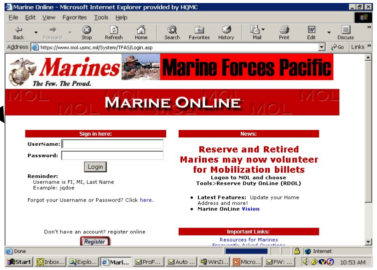
Mission

The mission of Total Force Structure Division (TFSD) is to integrate the manpower and equipment required by the Marine Corps to enhance the fundamentals of Expeditionary Maneuver Warfare and to therefore fulfill it's Title X requirements. TFSD determines the Total Force Structure manpower and equipment requirements, allocates available resources and provides a singular framework for integrating force structure decisions.

Tasks

- *Manage the Total Force Structure Process (TFSP) as outlined in MCO 5311.1*

Force Structure


Marine Online - Microsoft Internet Explorer provided by HQMC
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss
Address https://www.mol.usmc.mil/System/TFAS/Login.asp
Go Links
Marines The Few. The Proud.
Marine Forces Pacific
MARINE ONLINE
Sign in here:
UserName:
Password:
Login
News:
Register
Important Links:
Resources for Marines
Done Internet
Start Inbox... Explo... Mari... ProF... Auto ... WinZi... Micro... FW: ... 10:53 AM

Reminder:
Username is FI, MI, Last Name
Example: jqdoe

Forgot your Username or Password? Click here.

Don't have an account? register online

Reserve and Retired Marines may now volunteer for Mobilization billets

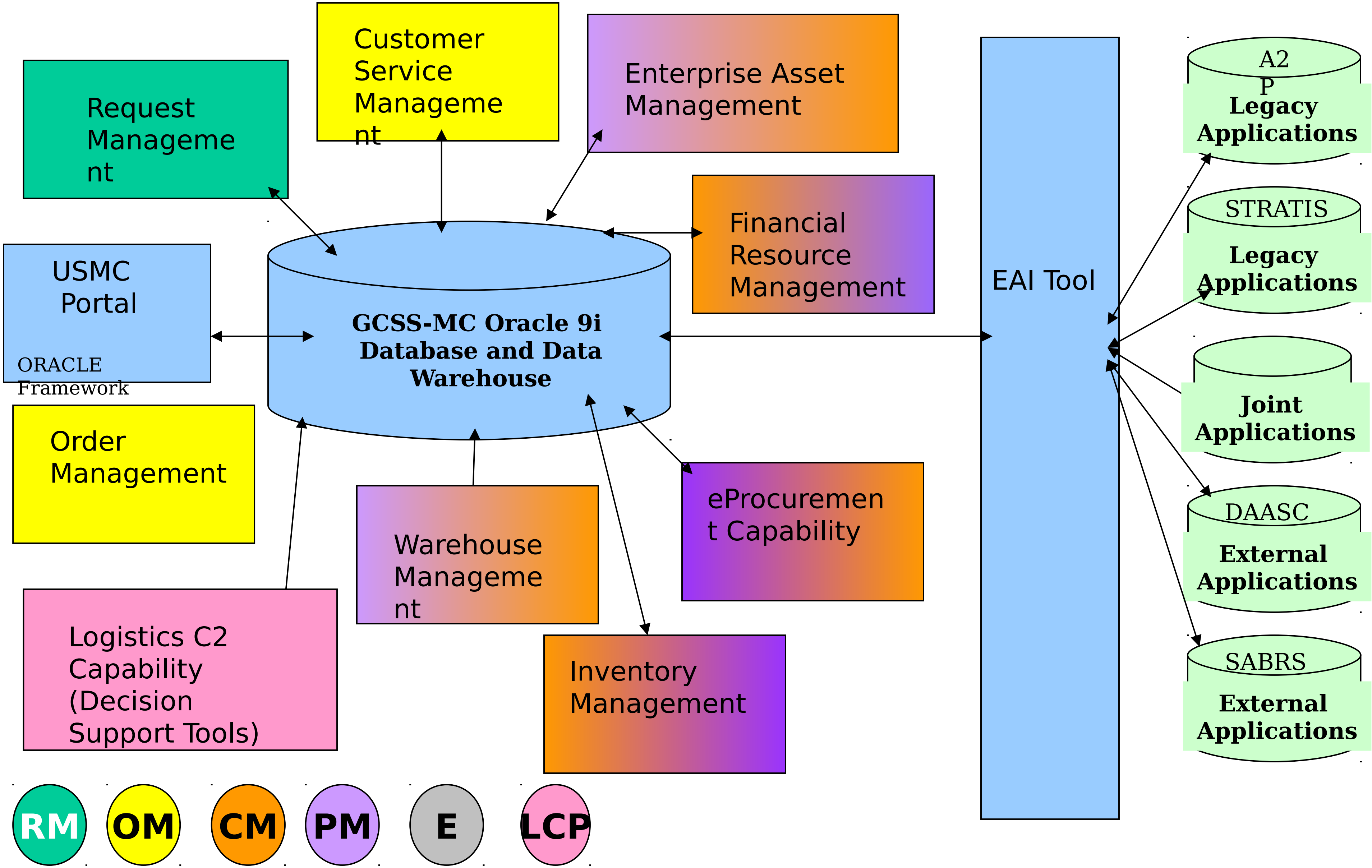
Logon to MOL and choose Tools>Reserve Duty OnLine (RDOL)

- Latest Features: Update your Home Address and more!
- Marine OnLine Vision

Others,
Manpower,
DSS, etc.

A Web Based Portfolio of COTS and GOTS Logistics Information Systems

Elements of GCSS-MC



Request Management

Customer Service Management

Enterprise Asset Management

Financial Resource Management

USMC Portal

ORACLE Framework

GCSS-MC Oracle 9i Database and Data Warehouse

Order Management

Warehouse Management

eProcurement Capability

Inventory Management

Logistics C2 Capability (Decision Support Tools)

EAI Tool

A2P **Legacy Applications**

STRATIS **Legacy Applications**

Joint Applications

DAASC **External Applications**

SABRS **External Applications**

How Will the PM Get us what we need?

- Evolutionary Acquisition
  - Incremental Development for Logistics Chain Management
    - *LCM Block 1 replaces "Lights Out" systems*
      - *New Marine Corps Supply and Maintenance Management and Execution Capability*
    - Future Blocks provide additional capability
- *GCSS-MC LCM Architecture serves as the baseline architecture for all GCSS-MC Programs*

How Will the PM Get us what we need?

- RFP For COTS
- Select COTS
- RFP for Integrator
- Select Integrator
- Add SME’s to the Team
- Do the Work
- Test the product
- Field the System
- Manage Through Portfolio Management

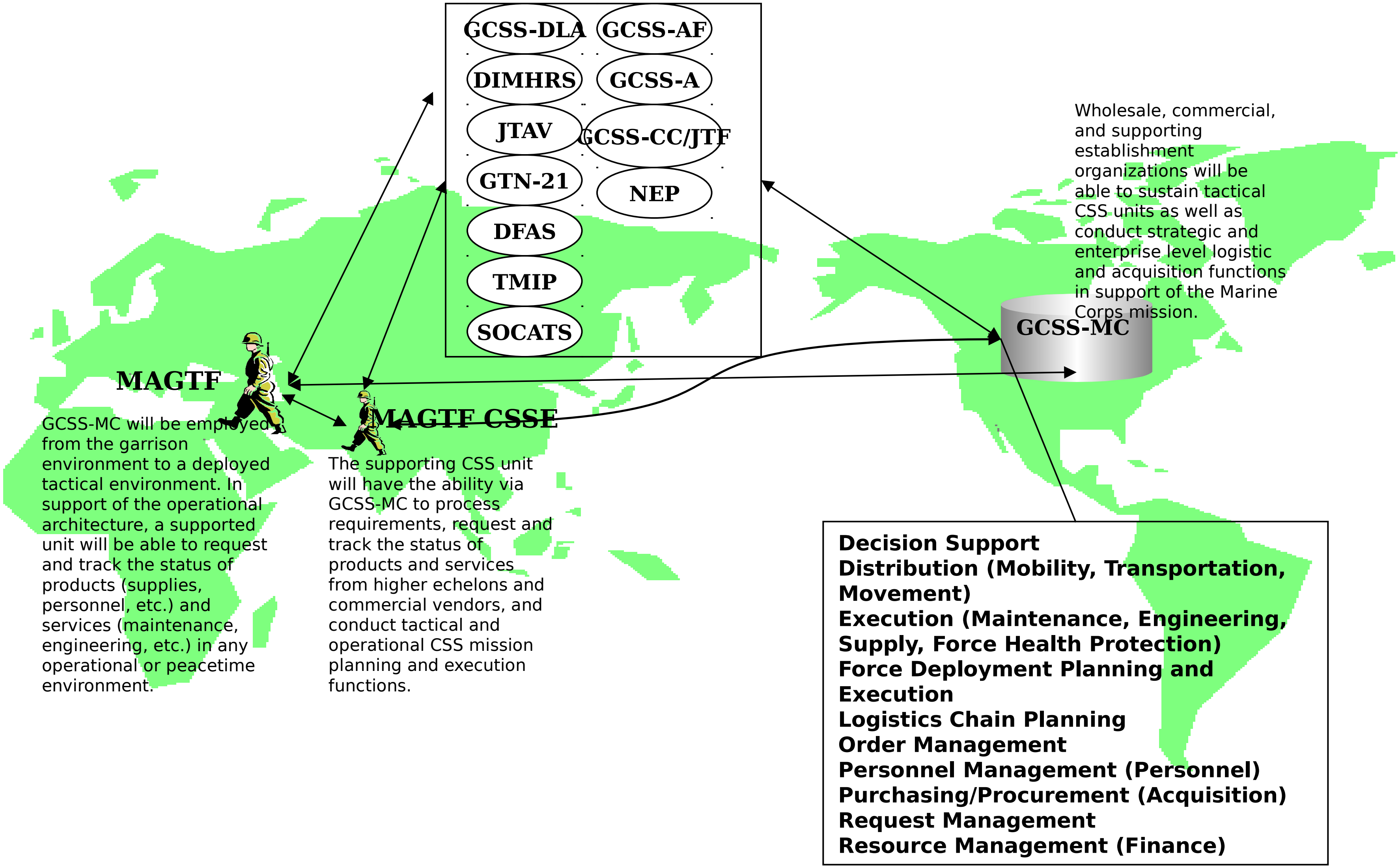
What Will GCSS-MC Do For Us?

Provide A deployable Solution the we may take to War!

- Ashore with a MAGTF
- Afloat with a MAGTF
- Sea Based

How Will it Work?

GCSS-MC High Level Operational Concept Diagram (OV-1)



GCSS-DLA
GCSS-AF
DIMHRS
GCSS-A
JTAV
GCSS-CC/JTF
GTN-21
NEP
DFAS
TMIP
SOCATS

Wholesale, commercial, and supporting establishment organizations will be able to sustain tactical CSS units as well as conduct strategic and enterprise level logistic and acquisition functions in support of the Marine Corps mission.

GCSS-MC

MAGTF

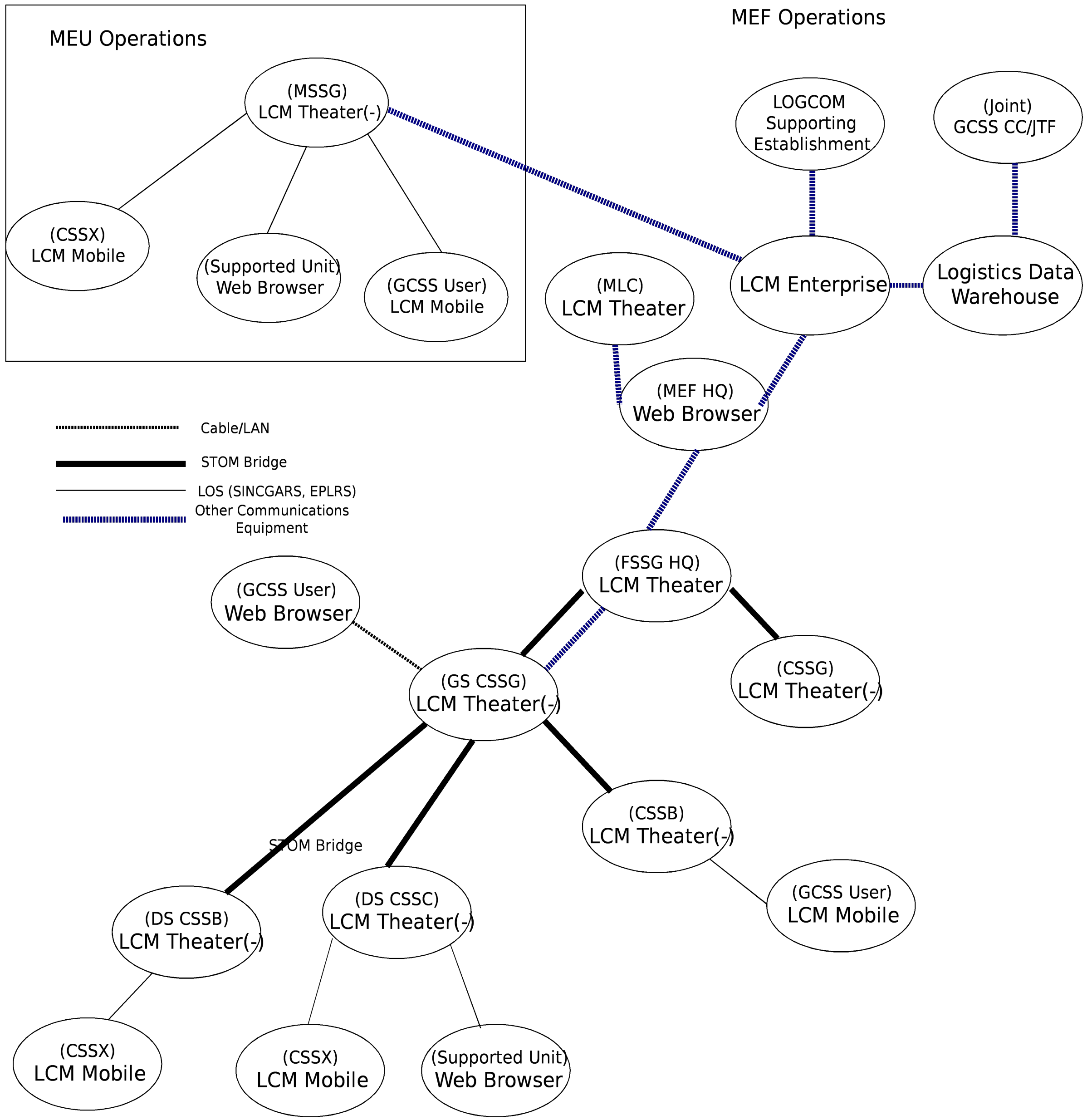
GCSS-MC will be employed from the garrison environment to a deployed tactical environment. In support of the operational architecture, a supported unit will be able to request and track the status of products (supplies, personnel, etc.) and services (maintenance, engineering, etc.) in any operational or peacetime environment.

MAGTF CSSE

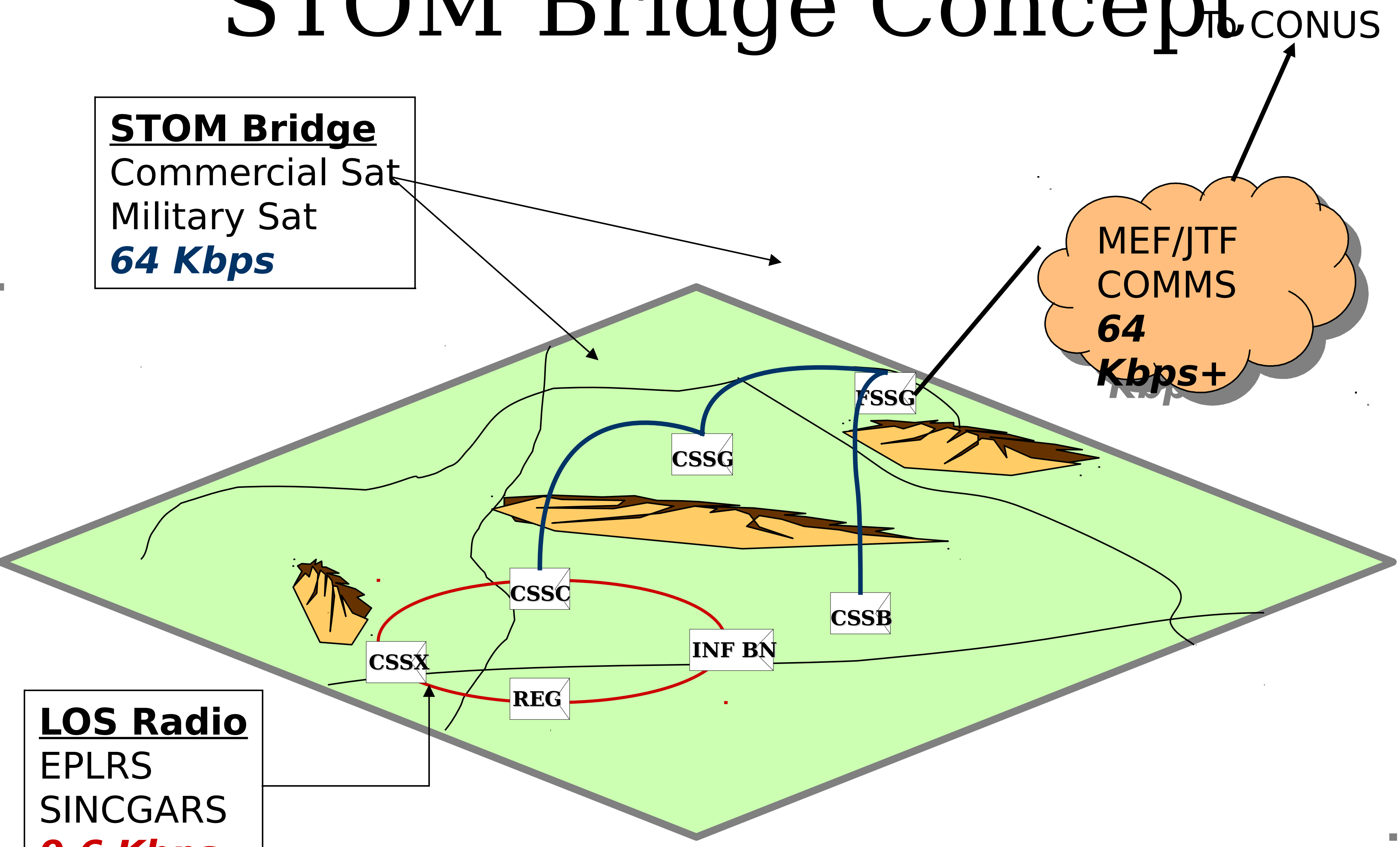
The supporting CSS unit will have the ability via GCSS-MC to process requirements, request and track the status of products and services from higher echelons and commercial vendors, and conduct tactical and operational CSS mission planning and execution functions.

Decision Support
Distribution (Mobility, Transportation, Movement)
Execution (Maintenance, Engineering, Supply, Force Health Protection)
Force Deployment Planning and Execution
Logistics Chain Planning
Order Management
Personnel Management (Personnel)
Purchasing/Procurement (Acquisition)
Request Management
Resource Management (Finance)

GCSS-MC System Communications Layout


MEU Operations
(MSSG)
LCM Theater(-)
(CSSX)
LCM Mobile
(Supported Unit)
Web Browser
(GCSS User)
LCM Mobile
MEF Operations
LOGCOM
Supporting
Establishment
(Joint)
GCSS CC/JTF
(MLC)
LCM Theater
LCM Enterprise
Logistics Data
Warehouse
(MEF HQ)
Web Browser
Cable/LAN
STOM Bridge
LOS (SINCGARS, EPLRS)
Other Communications
Equipment
(FSSG HQ)
LCM Theater
(GCSS User)
Web Browser
(GS CSSG)
LCM Theater(-)
(CSSG)
LCM Theater(-)
(CSSB)
LCM Theater(-)
(GCSS User)
LCM Mobile
STOM Bridge
(DS CSSB)
LCM Theater(-)
(DS CSSC)
LCM Theater(-)
(CSSX)
LCM Mobile
(CSSX)
LCM Mobile
(Supported Unit)
Web Browser

STOM Bridge Concept



STOM Bridge
Commercial Sat
Military Sat
64 Kbps

LOS Radio
EPLRS
SINCGARS
9.6 Kbps

MEF/JTF
COMMS
64 Kbps+

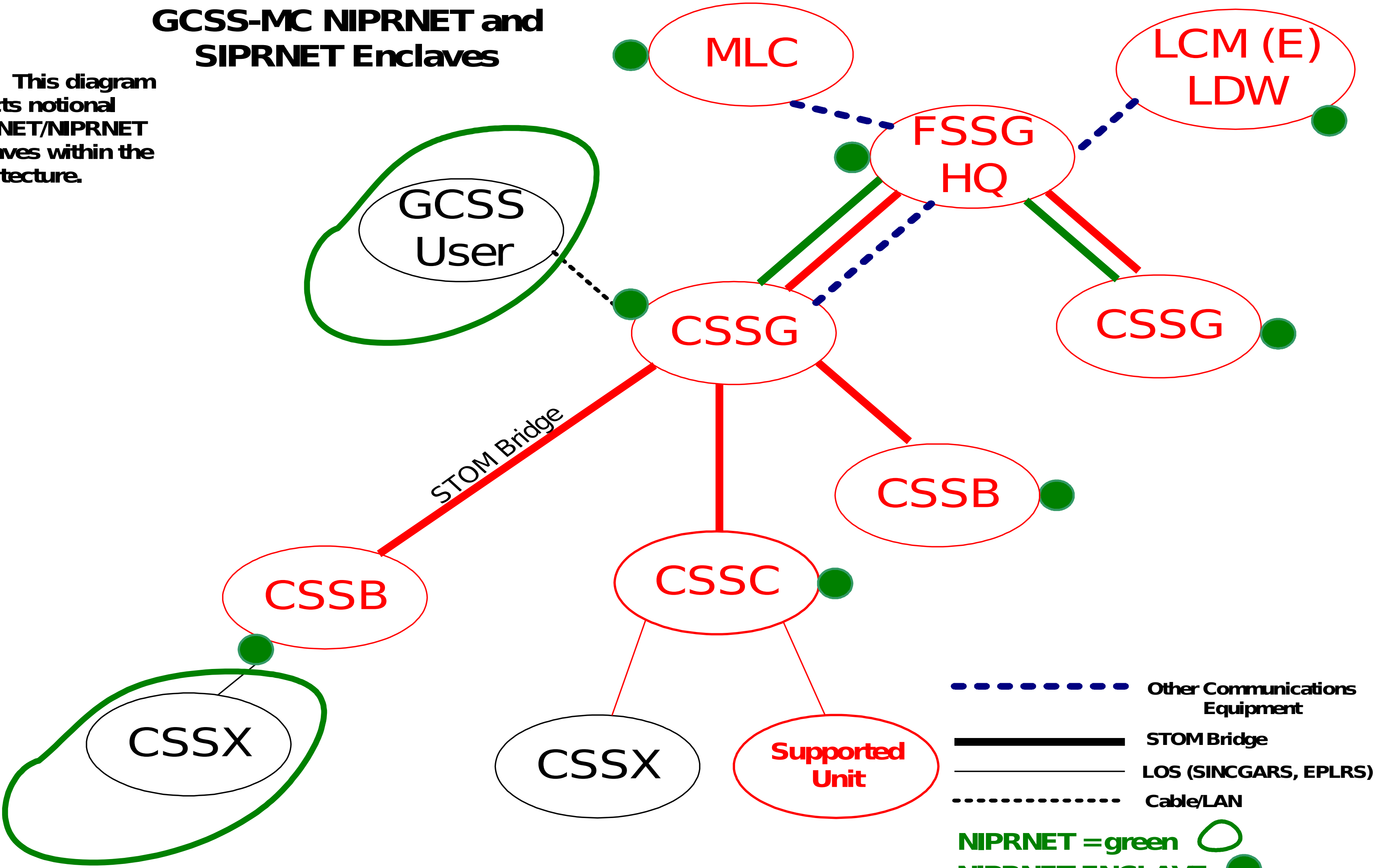
To CONUS

FSSG
CSSG
CSSC
CSSB
INF BN
CSSX
REG

NIPRNET/SIPRNET Support

GCSS-MC NIPRNET and SIPRNET Enclaves

Note: This diagram depicts notional SIPRNET/NIPRNET Enclaves within the Architecture.



MLC

LCM (E) LDW

FSSG HQ

GCSS User

CSSG

CSSG

STOM Bridge

CSSB

CSSB

CSSC

CSSX

CSSX

Supported Unit

Other Communications Equipment

STOM Bridge

LOS (SINCGARS, EPLRS)

Cable/LAN

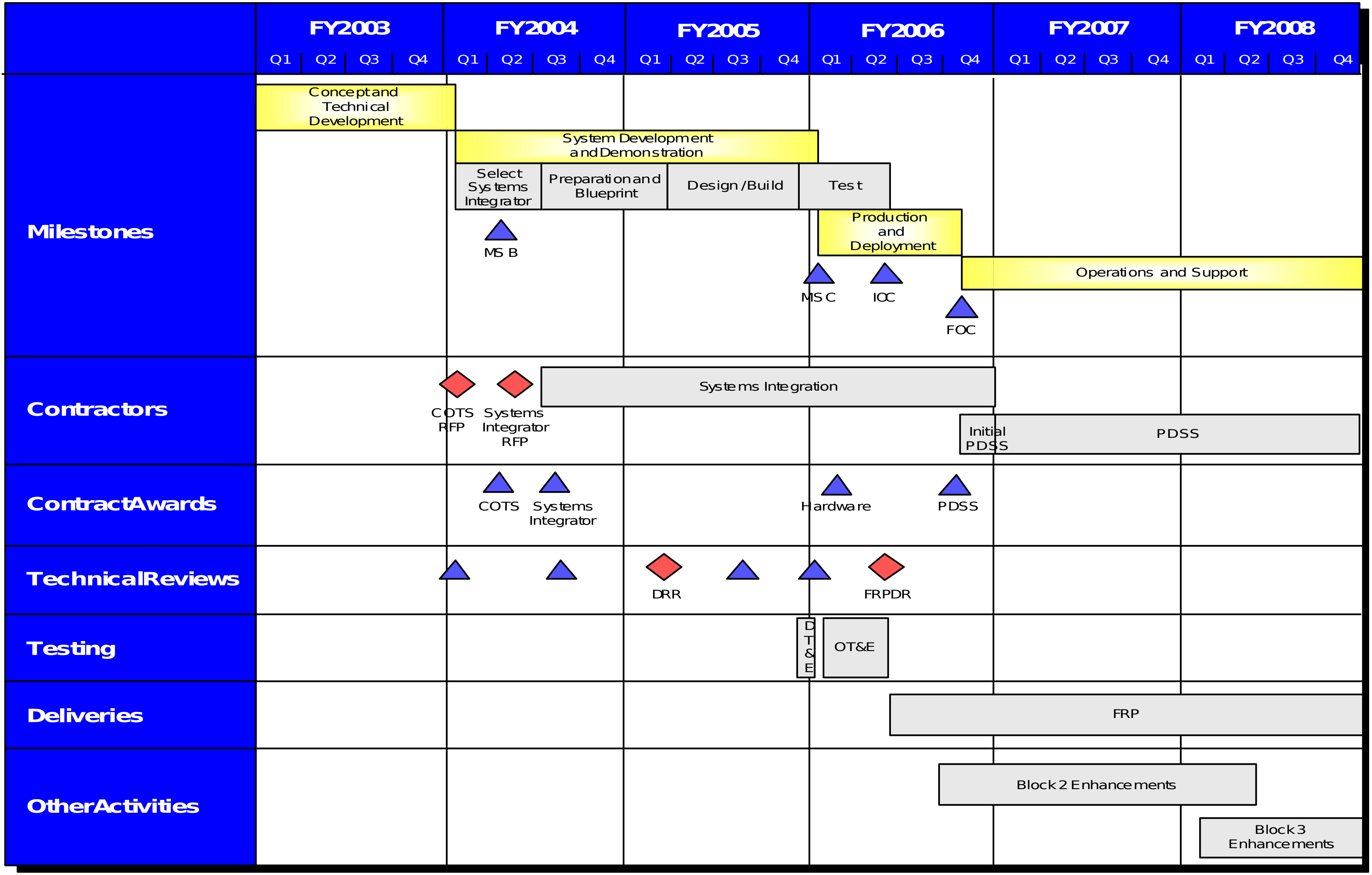
NIPRNET = green

NIPRNET ENCLAVE ●

SIPRNET = red

When Will We See It?

GCSS-MC
Program Update
Master Schedule Overview



Questions

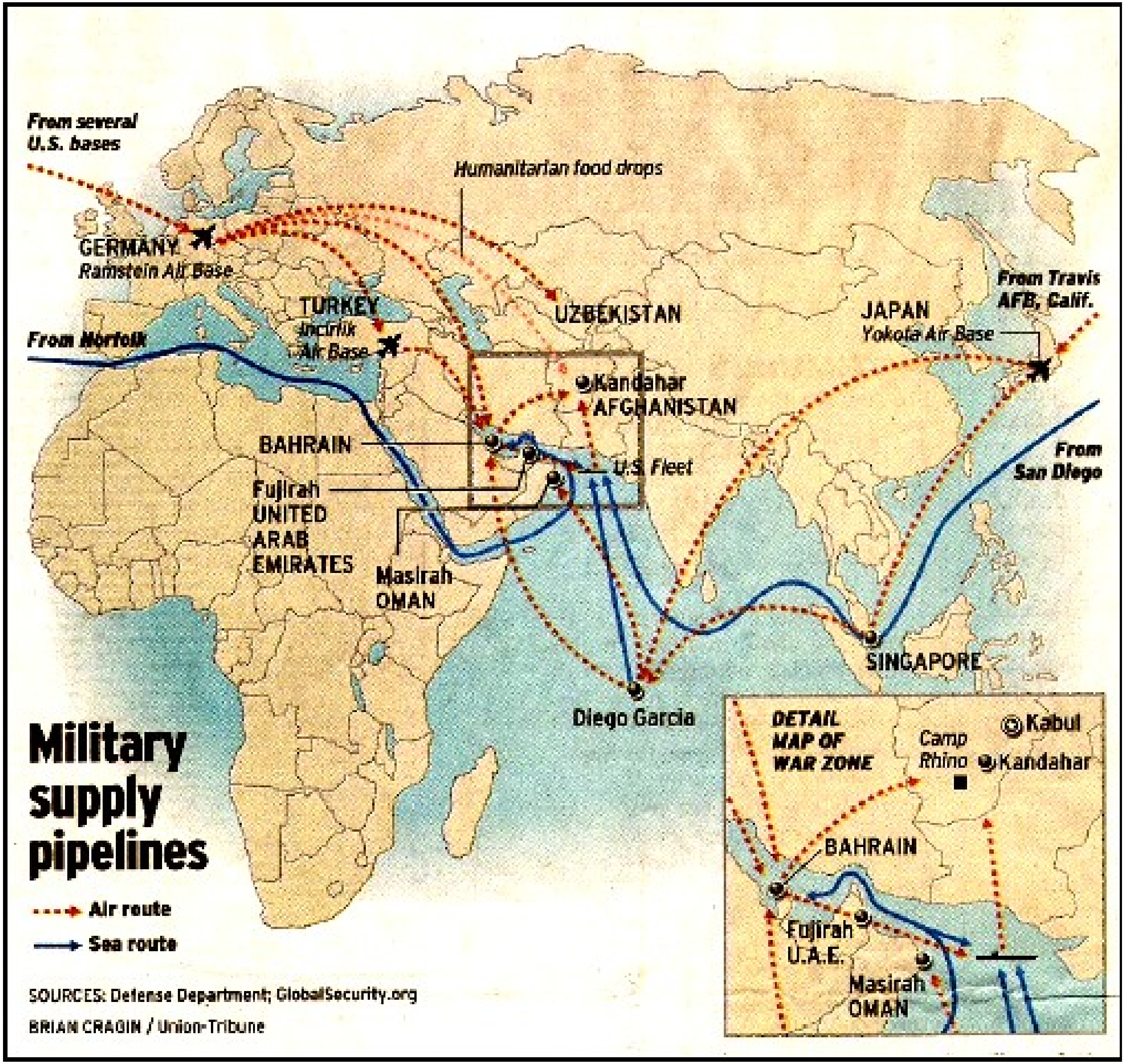
Last Tactical Mile

Col R. M. Nixon,
USMC
HQMC/LPV
27 Oct 2003

Importance of Logist

"…With our expeditionary mindset, we want to take all of our supplies with us, because we don't want to have to depend on a very short period of time where you can't do anything unless you have logistics. So logistics is an important part of being expeditionary. Perhaps that's the main point."

General J. L. Jones
CMC
Leading the Corps into the Future
AFJI – Sep 2001



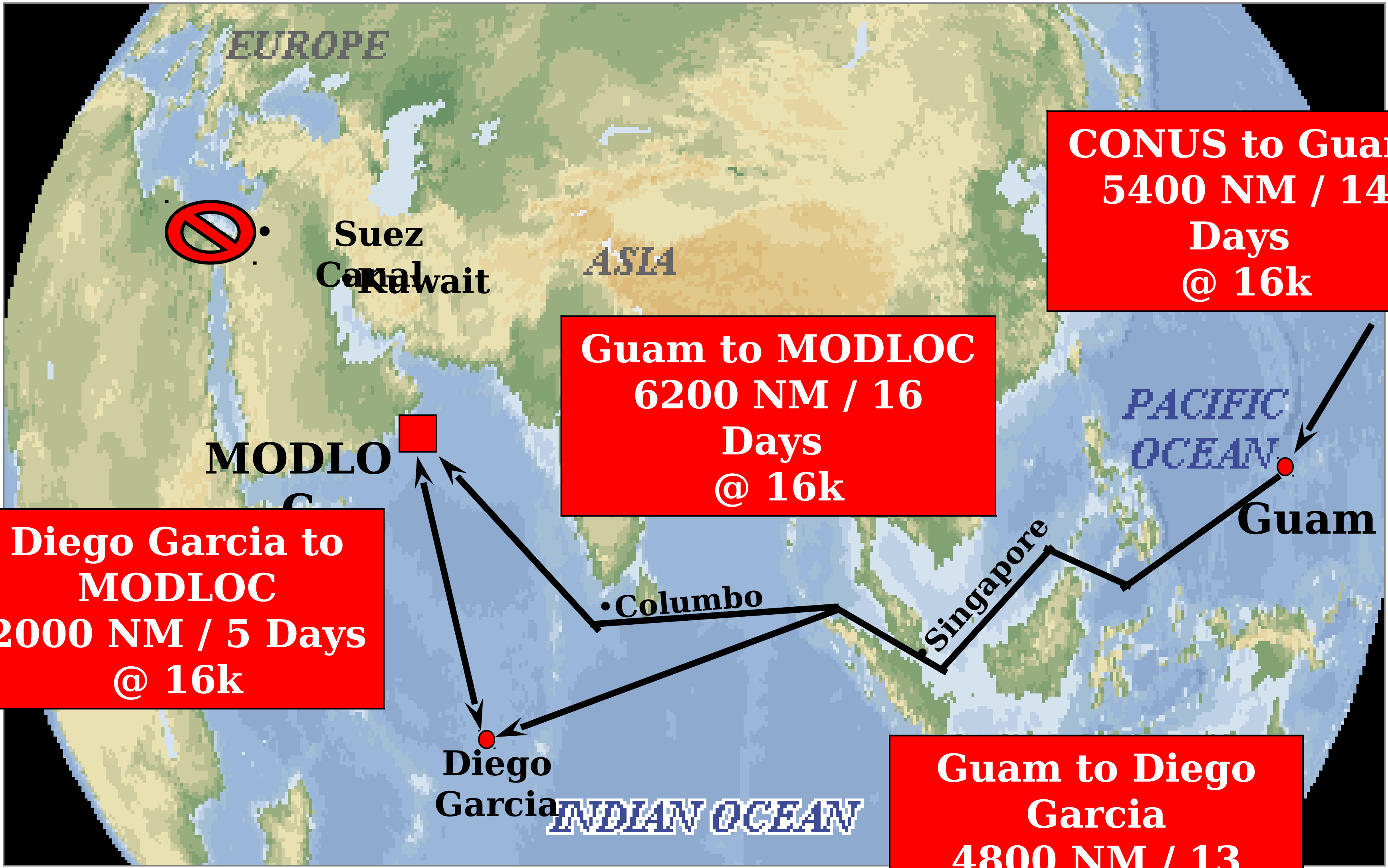
Military supply pipelines

Air route
Sea route
From several U.S. bases
Humanitarian food drops
GERMANY
Ramstein Air Base
TURKEY
Incirlik Air Base
From Norfolk
UZBEKISTAN
Kandahar
AFGHANISTAN
JAPAN
Yokota Air Base
From Travis AFB, Calif.
From San Diego
BAHRAIN
Fujirah
UNITED ARAB EMIRATES
Masirah
OMAN
U.S. Fleet
Diego Garcia
SINGAPORE
DETAIL MAP OF WAR ZONE
Camp Rhino
Kabul
Kandahar
BAHRAIN
Fujirah
U.A.E.
Masirah
OMAN

SOURCES: Defense Department; GlobalSecurity.org

BRIAN CRAGIN / Union-Tribune

Requirements Must Include Transit Times & Distances, Number of Ships


EUROPE
Suez
Canal
Kuwait
ASIA
MODLO
C
PACIFIC
OCEAN
Guam
Columbo
Singapore
Diego
Garcia
INDIAN OCEAN

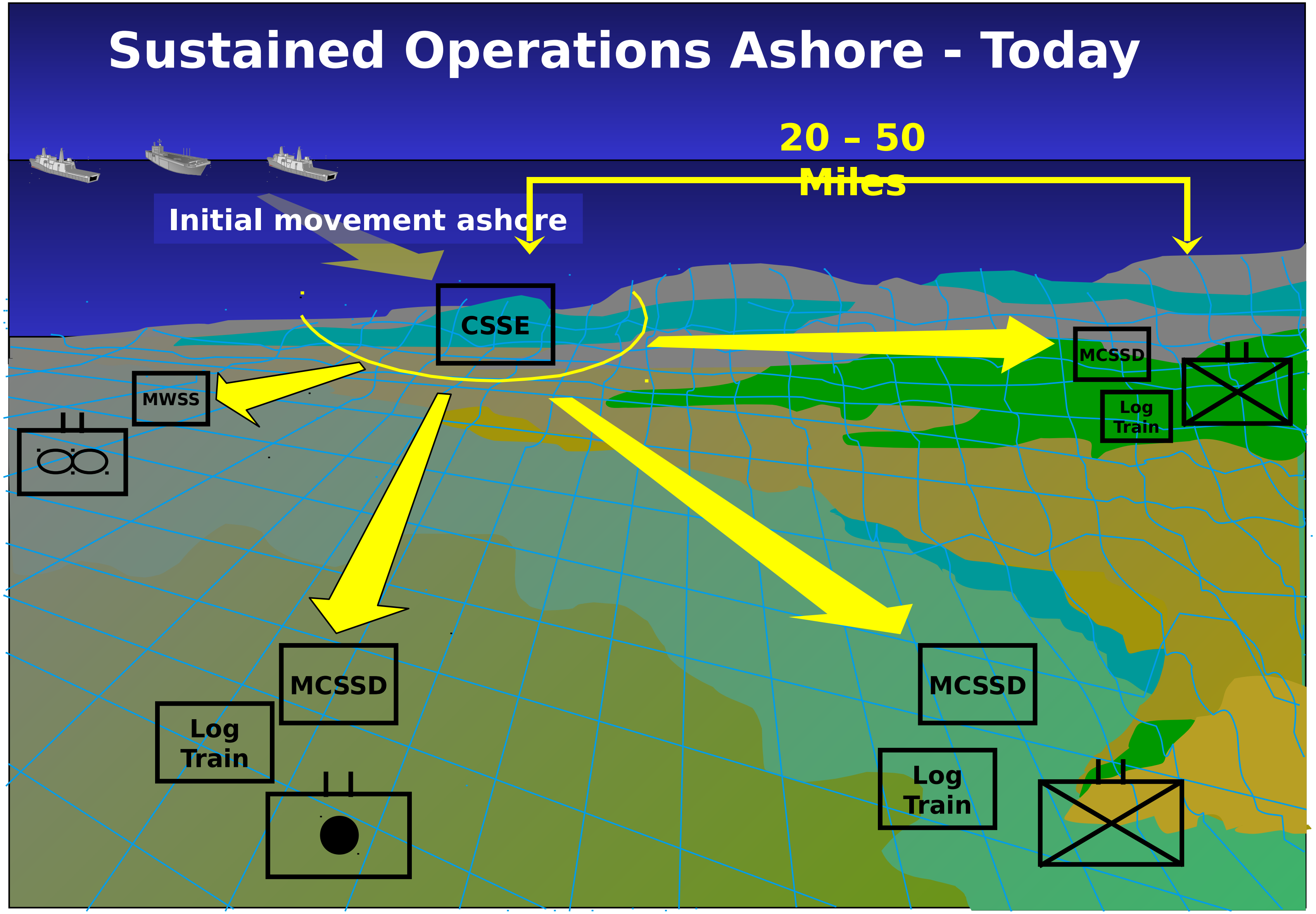
CONUS to Guam
5400 NM / 14 Days
@ 16k

Guam to MODLOC
6200 NM / 16 Days
@ 16k

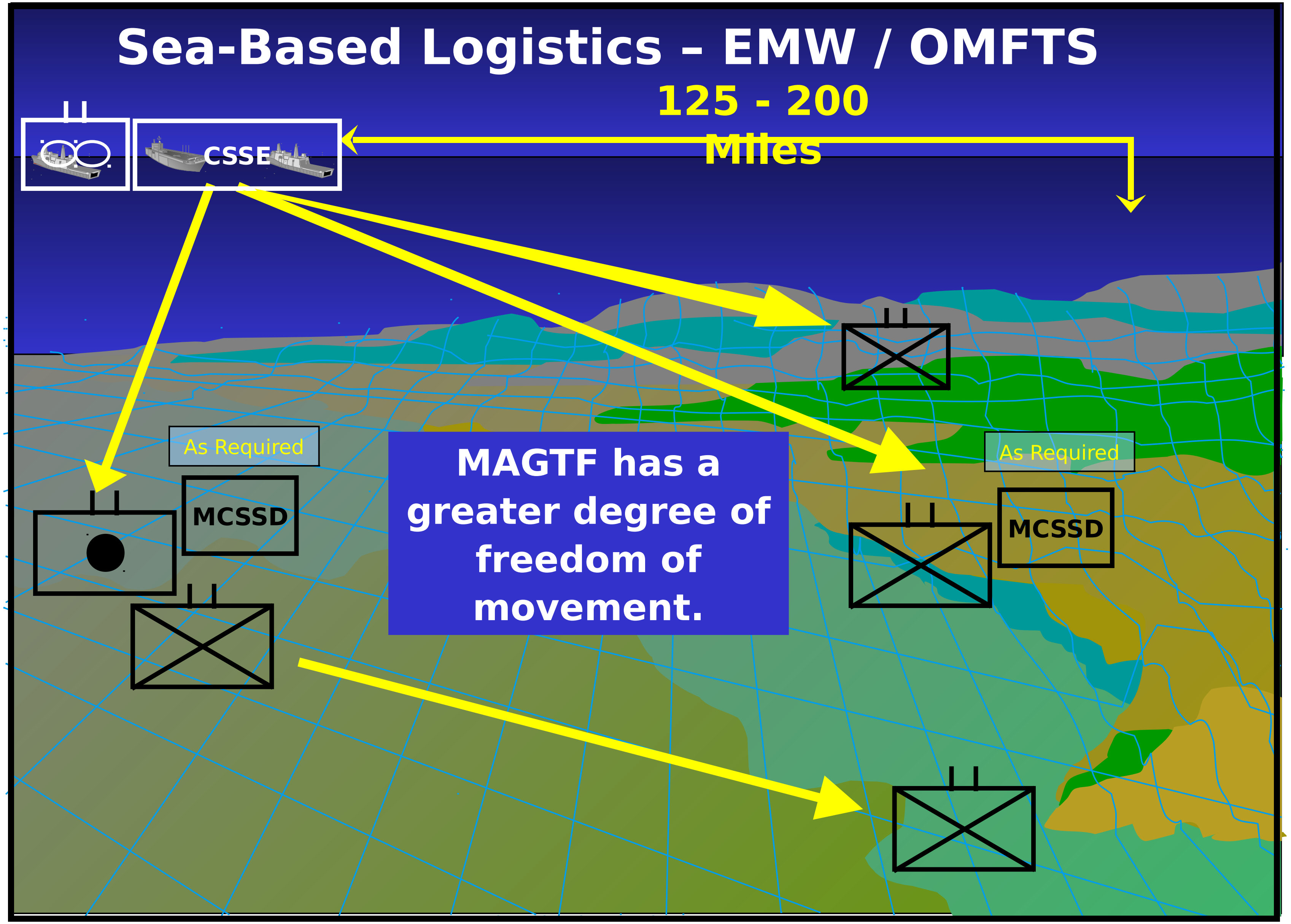
Diego Garcia to MODLOC
2000 NM / 5 Days
@ 16k

Guam to Diego Garcia
4800 NM / 13 Days

Current Logistics Concept


Sustained Operations Ashore - Today
20 - 50 Miles
Initial movement ashore
CSSE
MWSS
MCSSD
Log Train
MCSSD
Log Train
MCSSD
Log Train

Future Logistics Concept

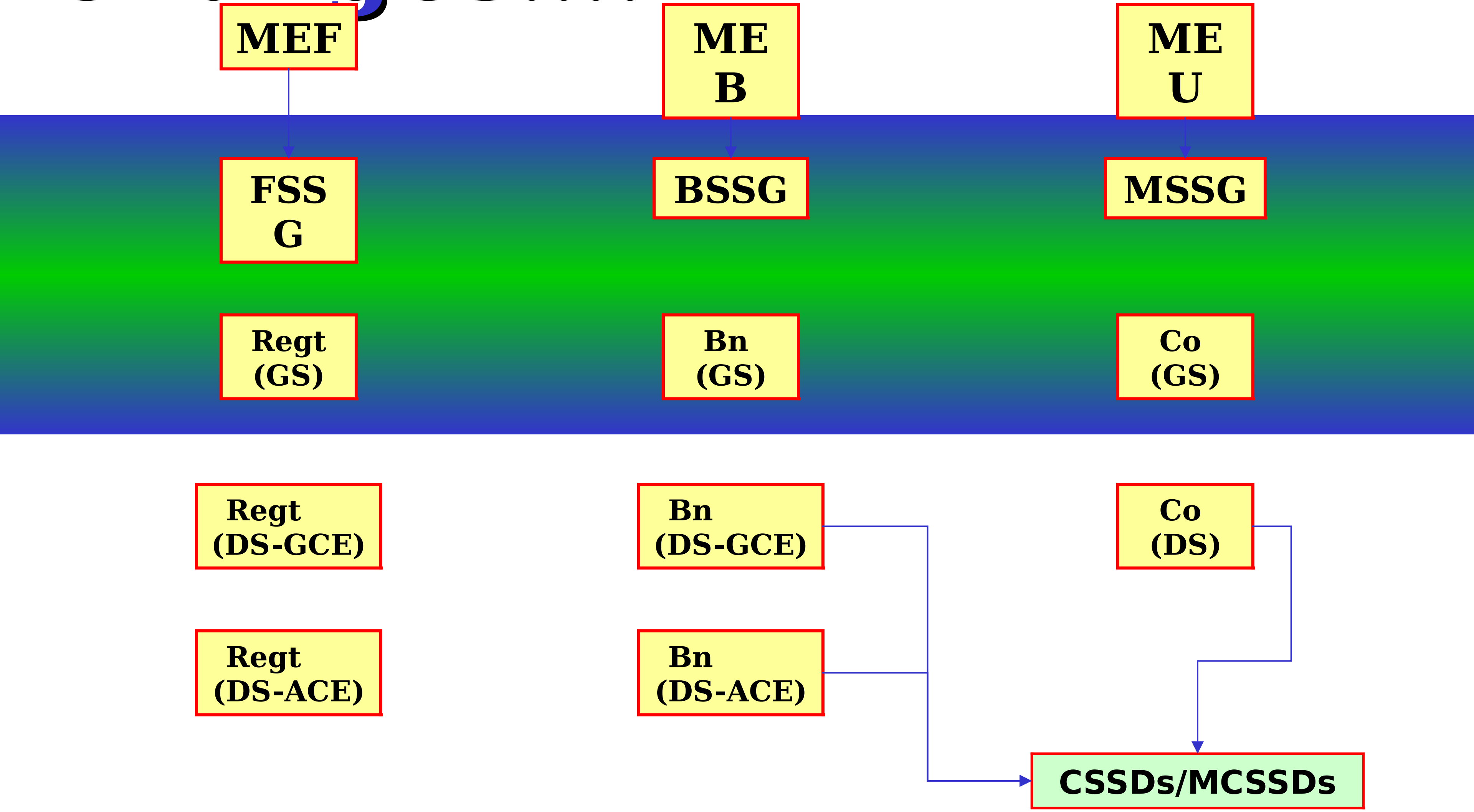


Sea-Based Logistics – EMW / OMFTS

125 - 200
Miles
CSSE
As Required
MCSSD
As Required
MCSSD

MAGTF has a greater degree of freedom of movement.

Possible Structure Changes….



MEF

MEB

MEU

FSSG

BSSG

MSSG

Regt (GS)

Bn (GS)

Co (GS)

Regt (DS-GCE)

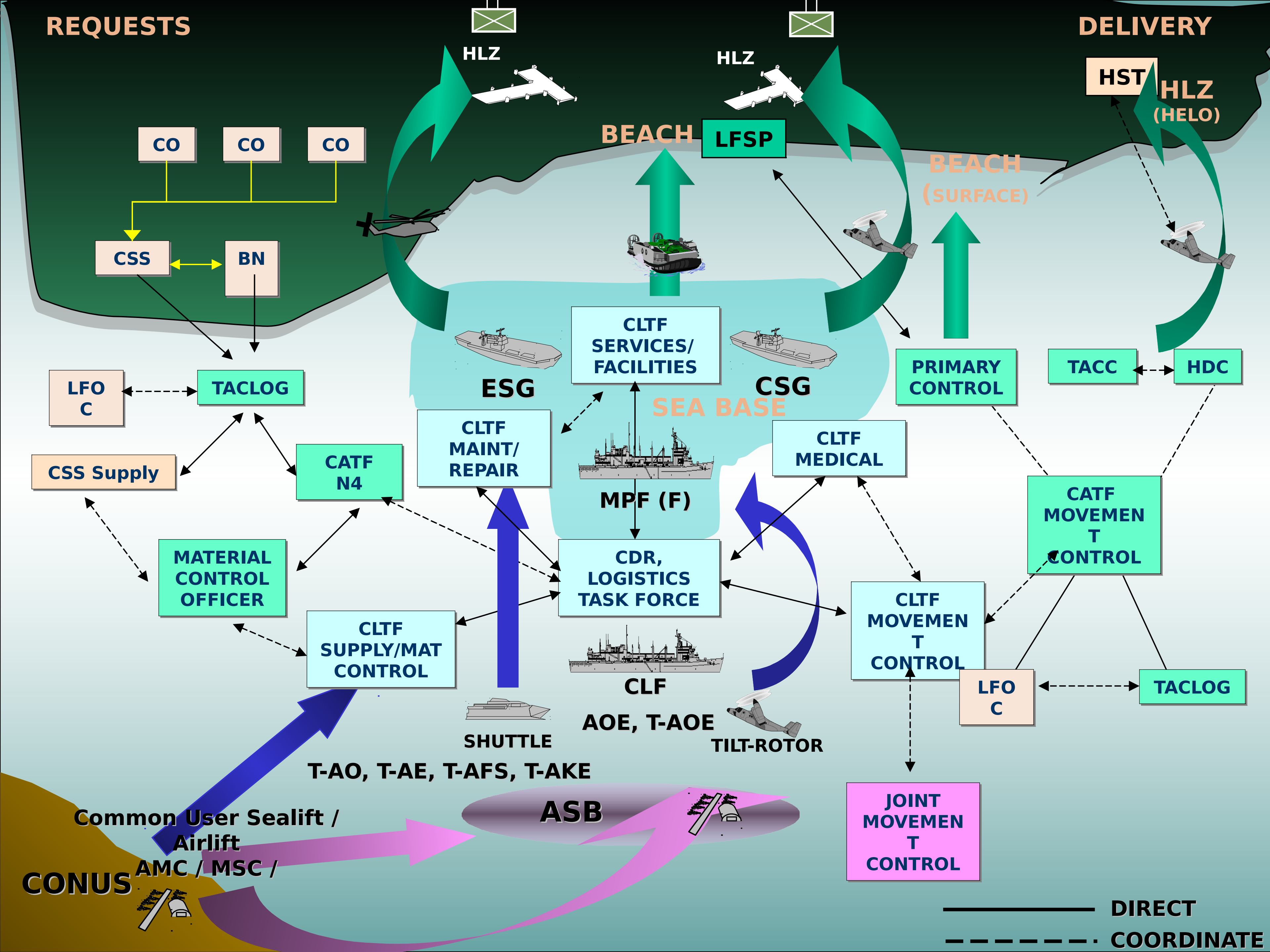
Bn (DS-GCE)

Co (DS)

Regt (DS-ACE)

Bn (DS-ACE)

CSSDs/MCSSDs



REQUESTS

DELIVERY

HLZ

HLZ

HST

HLZ (HELO)

CO

CO

CO

CSS

BN

BEACH

LFSP

BEACH (SURFACE)

LFO C

TACLOG

CSS Supply

CATF N4

MATERIAL CONTROL OFFICER

ESG

CLTF SERVICES/ FACILITIES

CSG

SEA BASE

CLTF MAINT/ REPAIR

MPF (F)

CLTF MEDICAL

PRIMARY CONTROL

TACC

HDC

CATF MOVEMENT CONTROL

CDR, LOGISTICS TASK FORCE

CLTF SUPPLY/MAT CONTROL

CLTF MOVEMENT CONTROL

LFO C

TACLOG

CLF

AOE, T-AOE

SHUTTLE

TILT-ROTOR

T-AO, T-AE, T-AFS, T-AKE

ASB

JOINT MOVEMENT CONTROL

Common User Sealift / Airlift AMC / MSC /

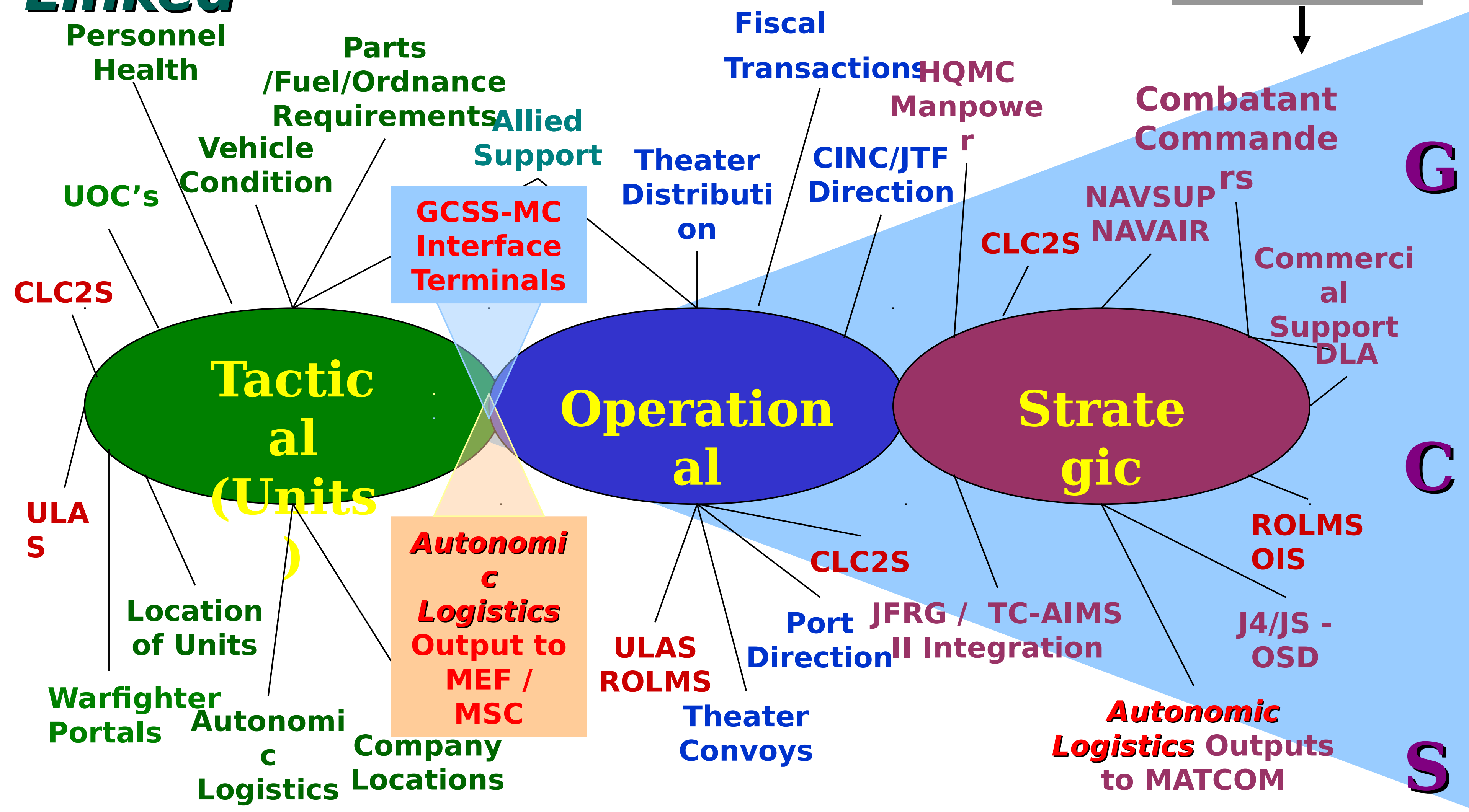
CONUS

DIRECT

COORDINATE

MAGTF Log C2 -- Tactically Focused ... Operationally & Strategically Linked

DATA PIPE EXPANSION



Personnel Health

Parts /Fuel/Ordnance Requirements

Allied Support

Vehicle Condition

UOC's

CLC2S

GCSS-MC Interface Terminals

Fiscal Transactions

HQMC Manpower

Theater Distribution

CINC/JTF Direction

Combatant Commanders

NAVSUP NAVAIR

CLC2S

Commercial Support

DLA

G

C

S

Tactical (Units)

Operational

Strategic

ULAS

Autonomic Logistics **Output to MEF / MSC**

CLC2S

ROLMS OIS

Location of Units

Warfighter Portals

Autonomic Logistics Feed

Company Locations

ULAS ROLMS

Port Direction

JFRG / TC-AIMS II Integration

J4/JS - OSD

Theater Convoys

Autonomic Logistics Outputs to MATCOM

Land-Based &/or Sea-Based

Globally Supported

An Interpretation…

TAV = It’s Here

ITV = It’s Moving

AIT = An *Enabler*

Home Station

Afloat

Ashore

GOAL
Procedures & Hardware

Bar Codes

Easy, Reliable, Cost Effective

Linear

8137919805

Code 39

- DoD standard
- Capacity: Typically 20 characters
- Durability: Susceptible to sunlight, moisture
- Widely used, common
- License plate information linked to database record
- Read with linear/2D/CCD scanner
- Reproduced on specialty/laser printers

Contact Memory Button

Compact, Durable, Abundant Storage

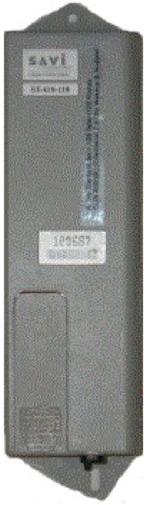
Contact Memory

Highly versatile, EEPROM-based storage device

- Capacity: Up to 8 MB
- Durability: Hermetically sealed, various casing options survives almost all forms of environmental exposure
- Characteristics: 16 mm x 5 mm, or 5 mm x 3 mm footprint, numerous mounting techniques, batteryless, limitless data retention
- Read/write: Via portable or RS232 devices; data transfer rates in milliseconds

Radio Frequency Identification (RFID) - Active

Increased Range and Data



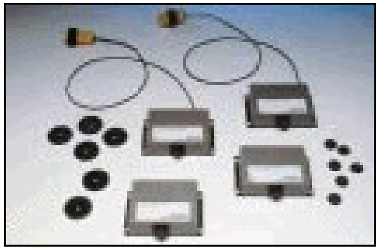
Active:

- Standard: None, mainly manufacturers' proprietary systems/protocols (transmits RF energy in 400 MHz, 900 MHz, and 2.4 GHz ranges)
- Range: Potential up to 300 feet
- Characteristics: Small tag with internal power cell mounted to item, interrogator queries tags, uploads/downloads data; data capacities vary

Radio Frequency Identification (RFID) - Passive

Passive:

- Standard: None, mainly manufacturers' proprietary systems/protocols (uses back- scatter technology)
- Range: Typically measured in "inches", industry working toward "feet"
- Characteristics: Small tag loaded with license plate data, typically mounted to end item, reader captures data as item moves through choke point (door, pathway, frame, etc.); data capacities are limited

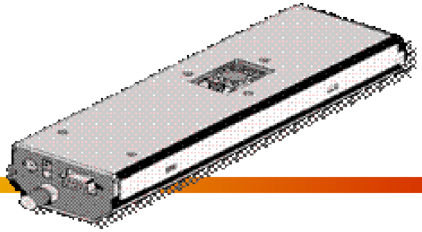


USMC Position on RFID…

USMC supports the use of RFID as an **interrim** solution to provide ITV

However -- It is not the sole means & our focus remains expeditionary

Satellite Tracking



Iridium Data Terminal

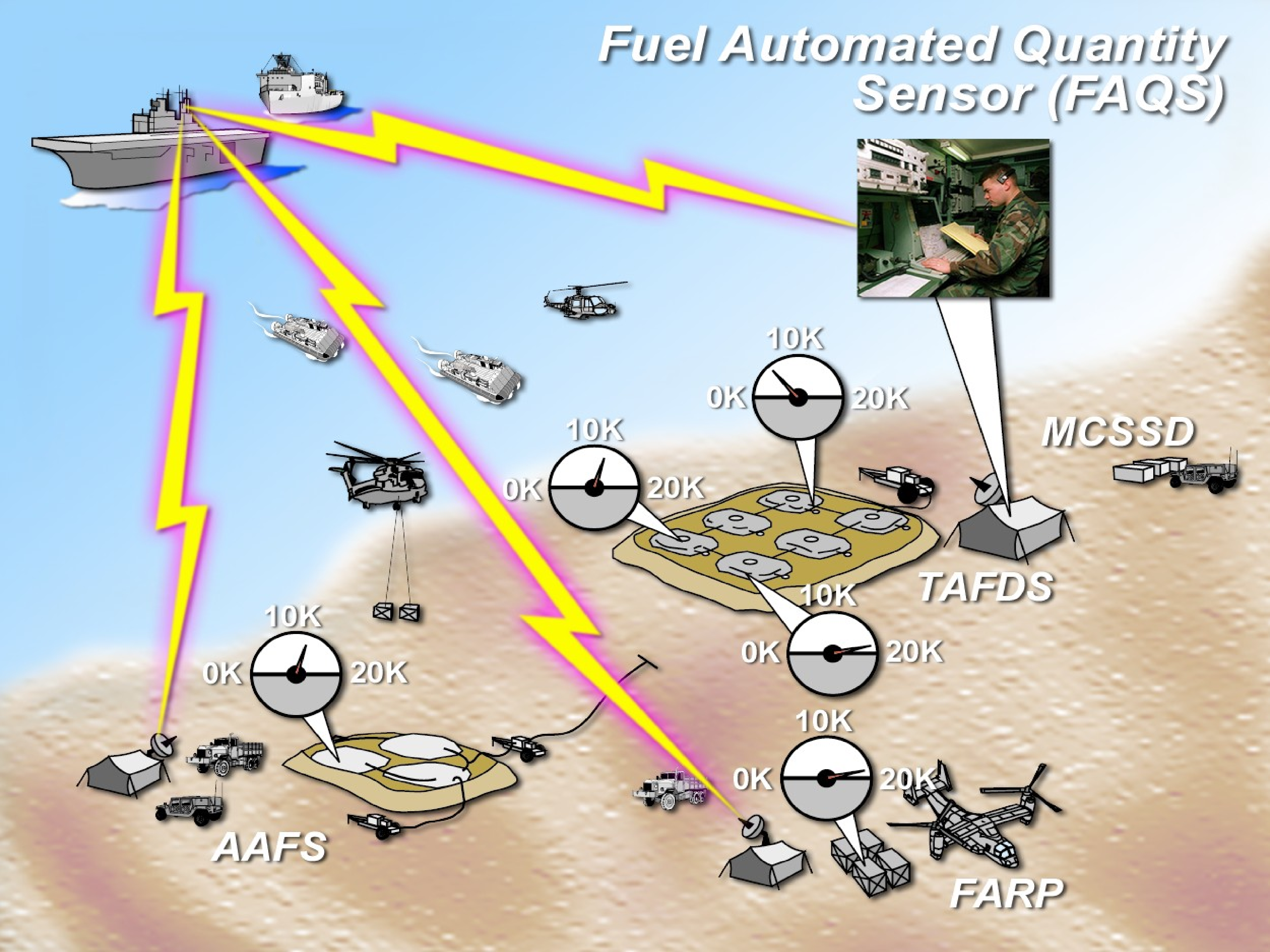
Marine Corps project approved by DC, I&L and DJSJ4

- Funding provided by JSJ4, Marine Corps and Air Force
- Army to develop systems architecture/mapping & GTN update … EUCOM ITV server will be used initially
- Exceptional opportunity to address satellite tracking/data transfer capability shortfalls

Visibility

- First review processes
- Capture data once…use many times
- Transmit only what is needed
- Focus on a Shared Data Environment (SDE)
- Meet Service, Naval, Joint, & Coalition needs

Fuel Automated Quantity Sensor (FAQS)


MCSSD
TAFDS
AAFS
FARP
10K
0K
20K

U.S. NAVAL SHIP
JOHN ERICSSON

P
5A
P P

U.S. NAVY

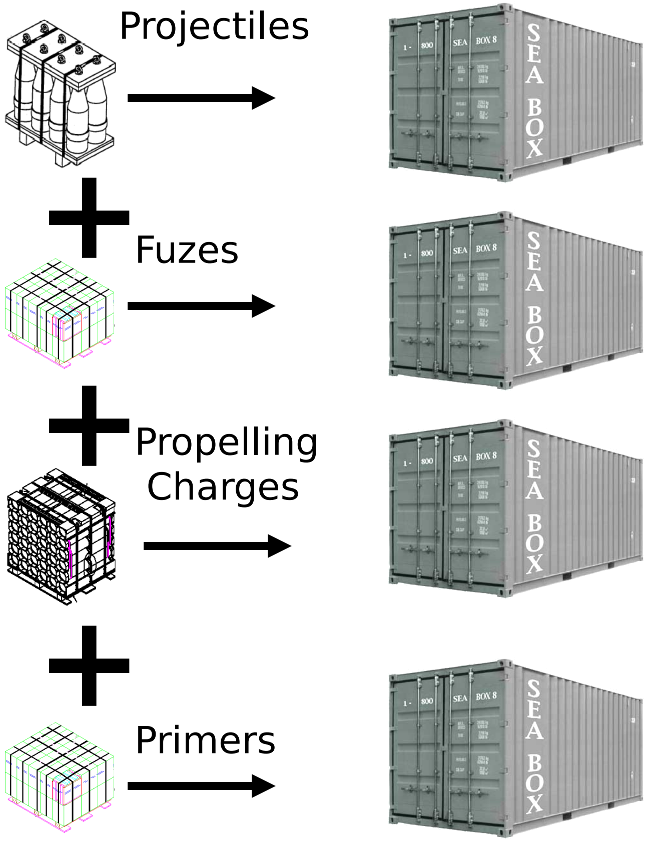
HW
0966
15
NAVY
HC-6

Chefmate
Campbell's
01256

KEARSARGE

From this… → …to this

(Current) (Future Modular Container)



Projectiles

+

Fuzes

+

Propelling Charges

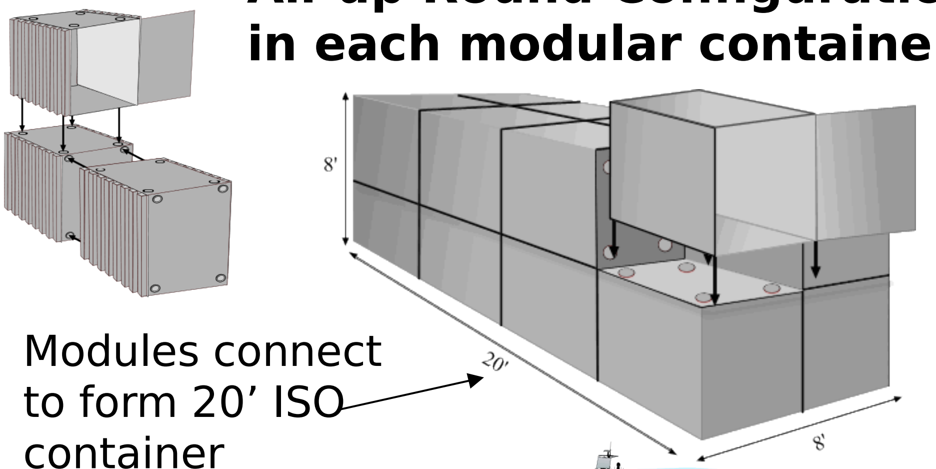
+

Primers

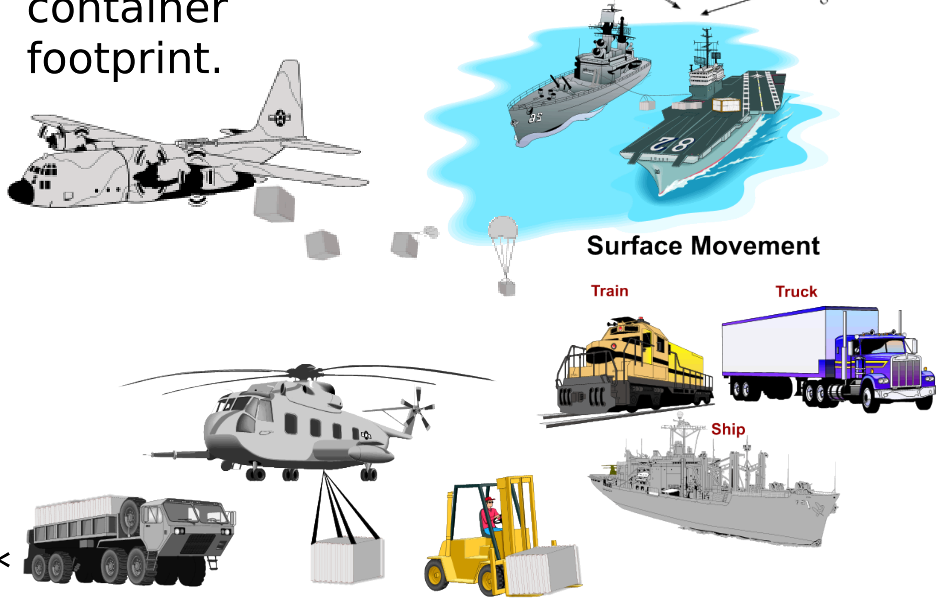
═ All-up Round Configuration

Requires multiple containers

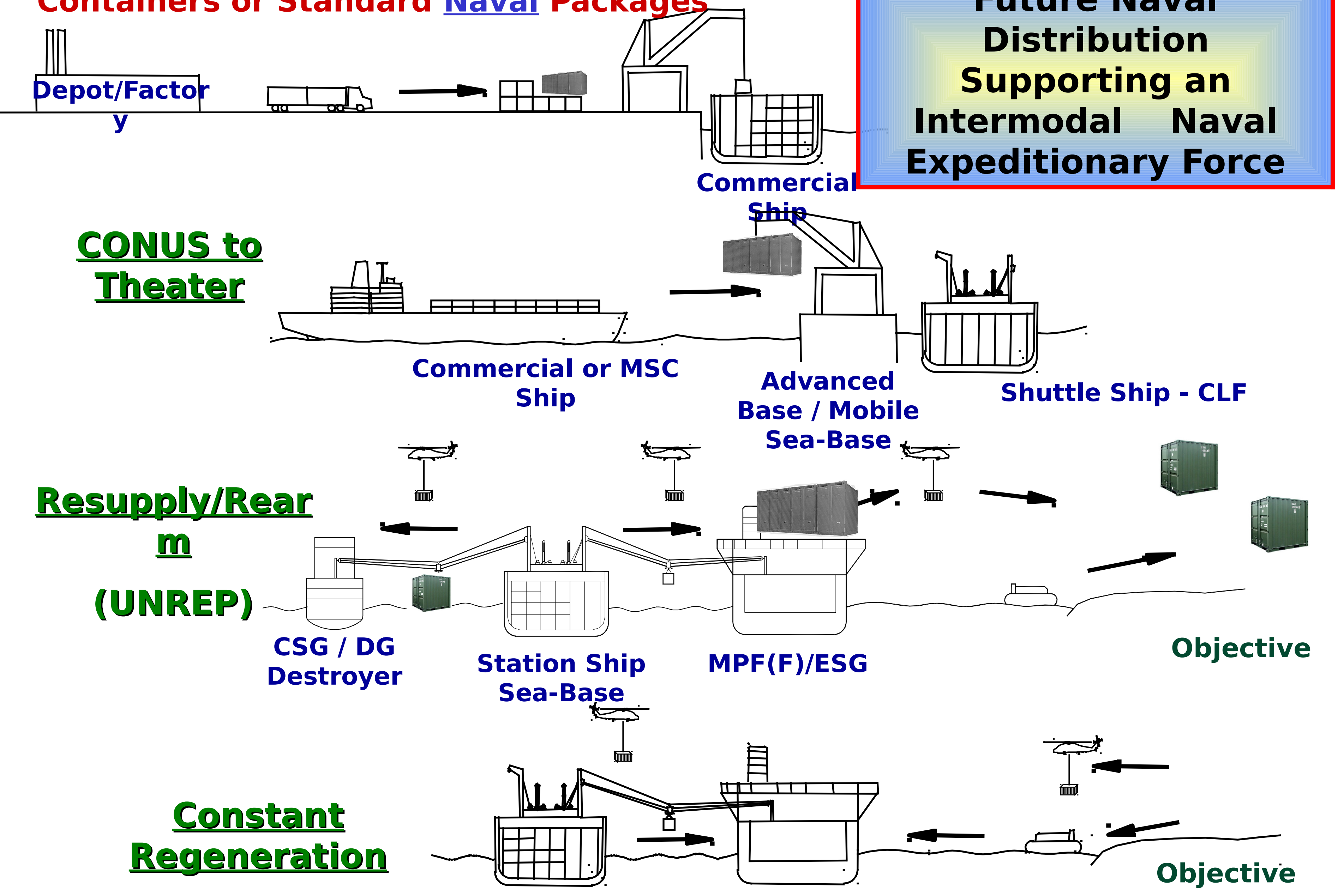
All-up Round Configuration in each modular container



Modules connect to form 20’ ISO container footprint.


Surface Movement
Train
Truck
Ship

Future Naval Distribution Supporting an Intermodal Naval Expeditionary Force



Containers or Standard Naval Packages

Depot/Factory

Commercial Ship

CONUS to Theater

Commercial or MSC Ship

Advanced Base / Mobile Sea-Base

Shuttle Ship - CLF

Resupply/Rearm (UNREP)

CSG / DG Destroyer

Station Ship Sea-Base

MPF(F)/ESG

Objective

Constant Regeneration

Unrep Ship Sea-Base

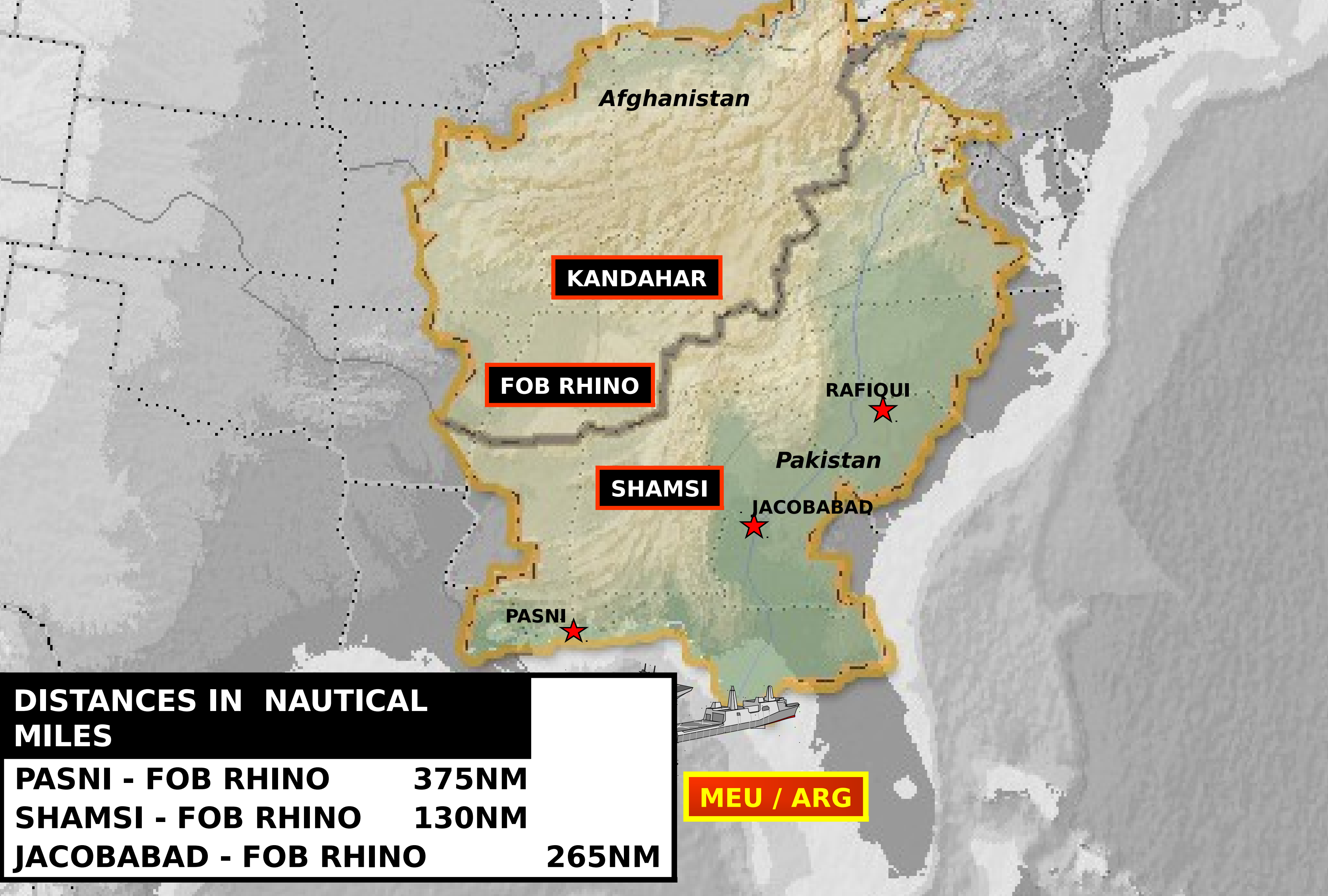
MPF(F)/ESG

Objective

Future Characteristics

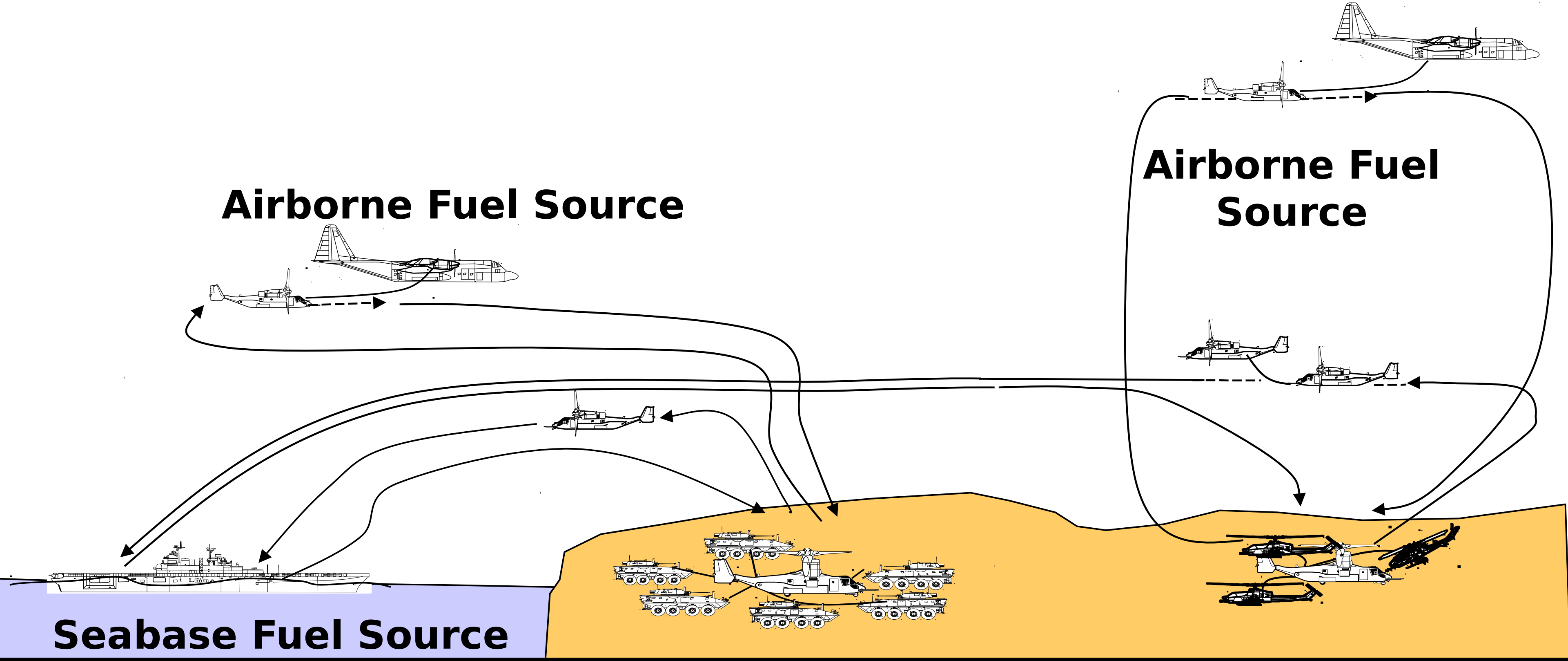
- **Deploy to & Employ from….*The Sea***
- **Integrated with Naval & Joint Global Logistics IT Network**
- **Naval Logistics vice Ground & Aviation**
  - Capability is process-centric at sea or on land
  - Common **Naval** Processes & Systems
- **24x7 Sea-Base Operations**
  - Act more like Ship’s Company vice….passengers
- **Ability for USMC Support Functions to Rem**
  - Aviation, C2, Medical Services, Fires, and Logistics (-)
- **But…*Increased* Resupply by Rotary-Wing**

OEF: Forward Presence


Afghanistan
KANDAHAR
FOB RHINO
RAFIQUI
Pakistan
SHAMSI
JACOBABAD
PASNI
MEU / ARG

DISTANCES IN NAUTICAL MILES	
PASNI - FOB RHINO	375NM
SHAMSI - FOB RHINO	130NM
JACOBABAD - FOB RHINO	265NM

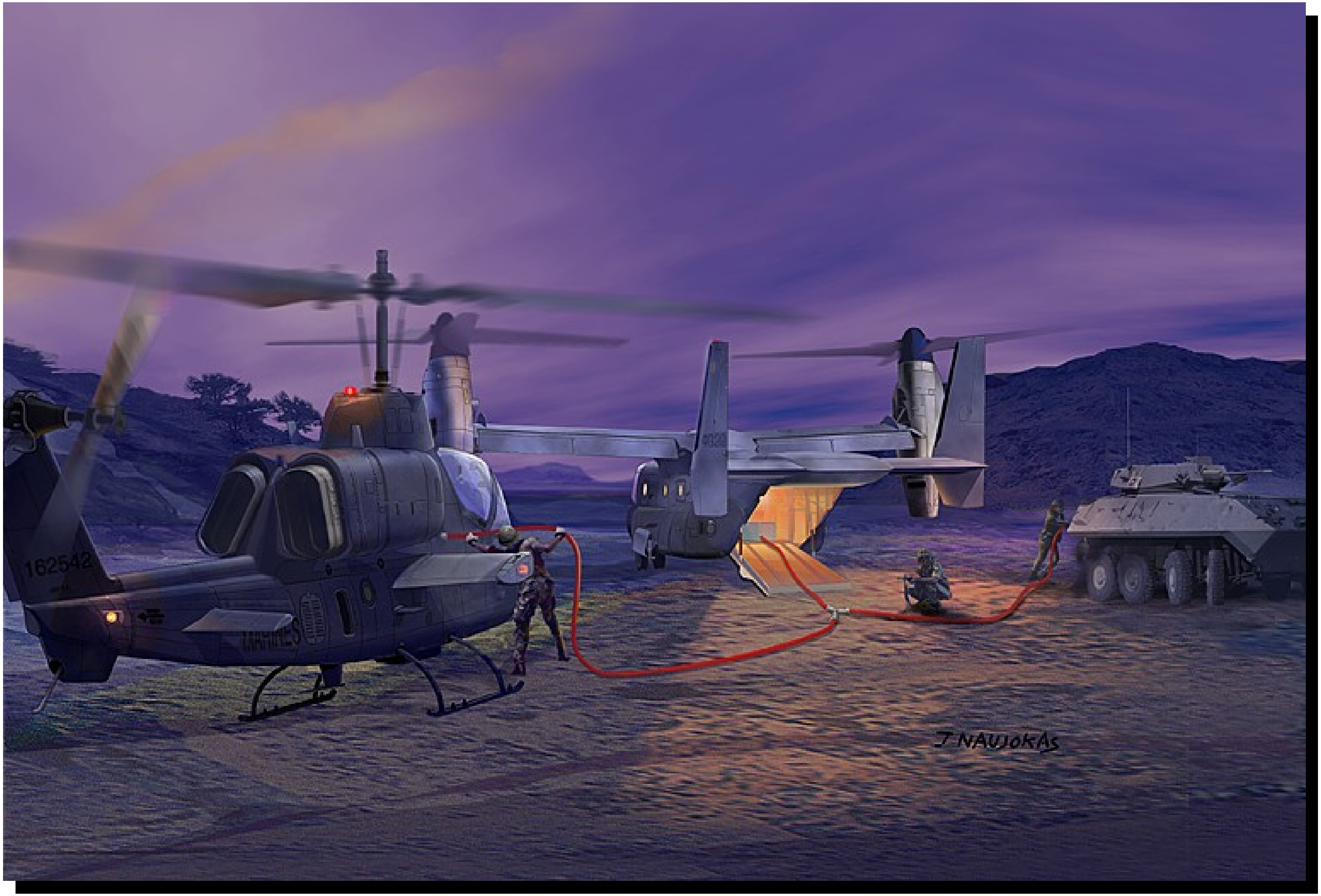
Rapid Ground Refueling (RGR)


Airborne Fuel Source
Airborne Fuel Source
Seabase Fuel Source

- Advanced RGR design
  - Efficient fuel delivery
  - Reduced time in RGR zone
- Advanced tiltrotor design
  - Reduced vulnerability
  - High speed

- Fuel source flexibility(Seabased, KC-130, or KC-1
  - Increased RGR radius/fuel delivery
  - Free deck space
- Rotorcraft aerial refuel flexibility
  - Increased RGR radius/fuel delivery
  - Decreased strategic tanker reliance

Rapid Ground Refueling


162542
MARINES
J NAUJOKAS

Onboard Vehicle/ Refueler Communication

Vehicle

- Vehicle Type (HMMWV)
- Fuel Level (1/4)
- Unit
- Vehicle ID

Diagnostic

Nozzle #1
18 gal @ 12 gpm

Refueler

Nozzle Number
1, 2, 3, 4

Vehicle Type

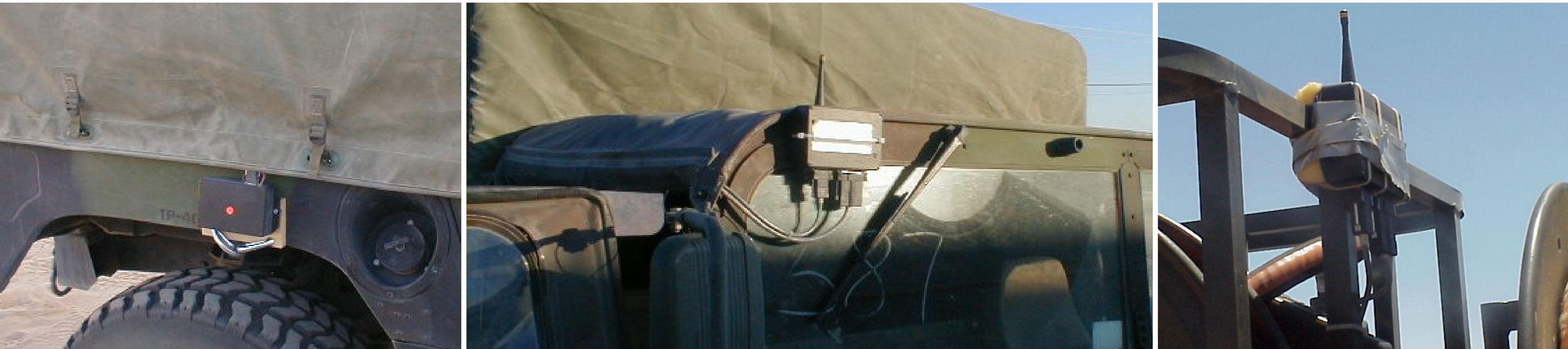
	Capacity	*Rate*
HMMWV	***25***	***12***
5 T	81	22
LVS	75 (2)	22

Diagnostic Loop

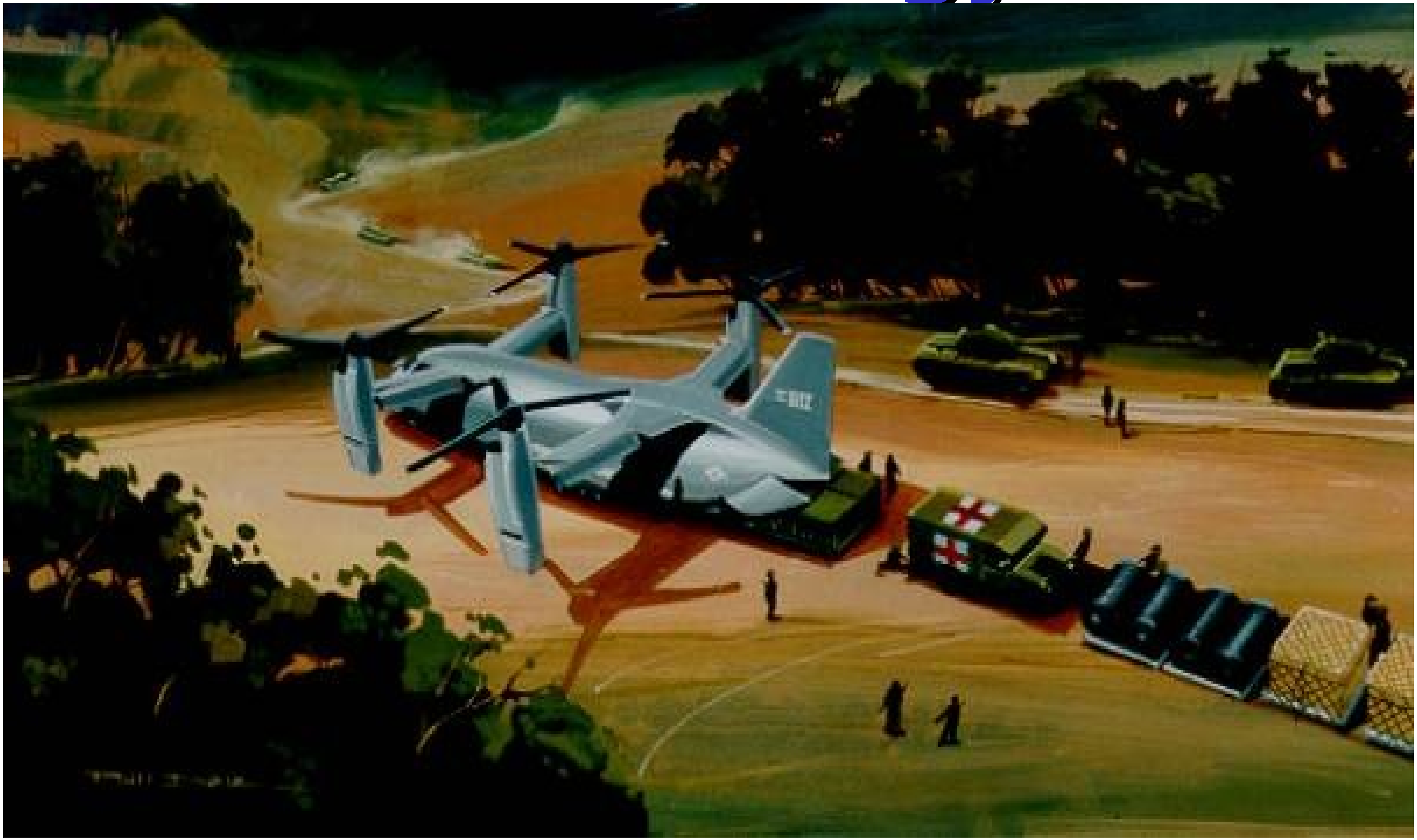
CSSOC

- Unit
- Vehicle ID
- Time
- Gal

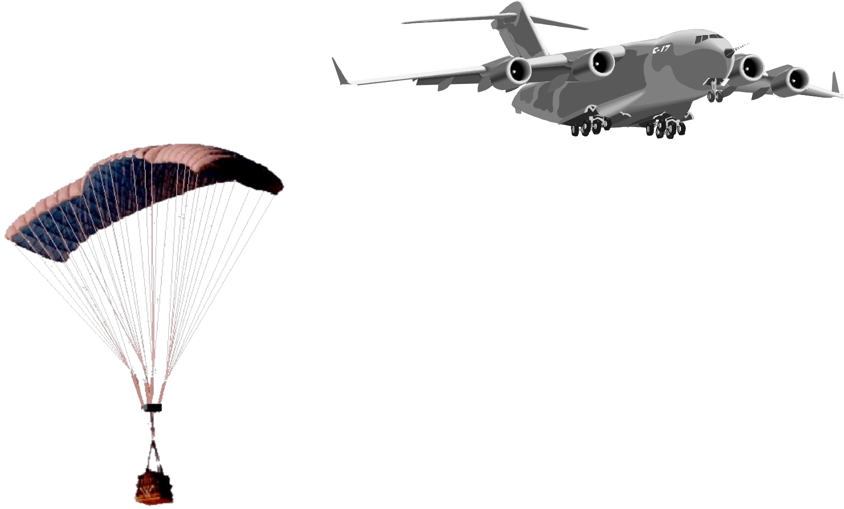
Diagnostic Problem



Quad Tiltrotor Technology



Distribution Options

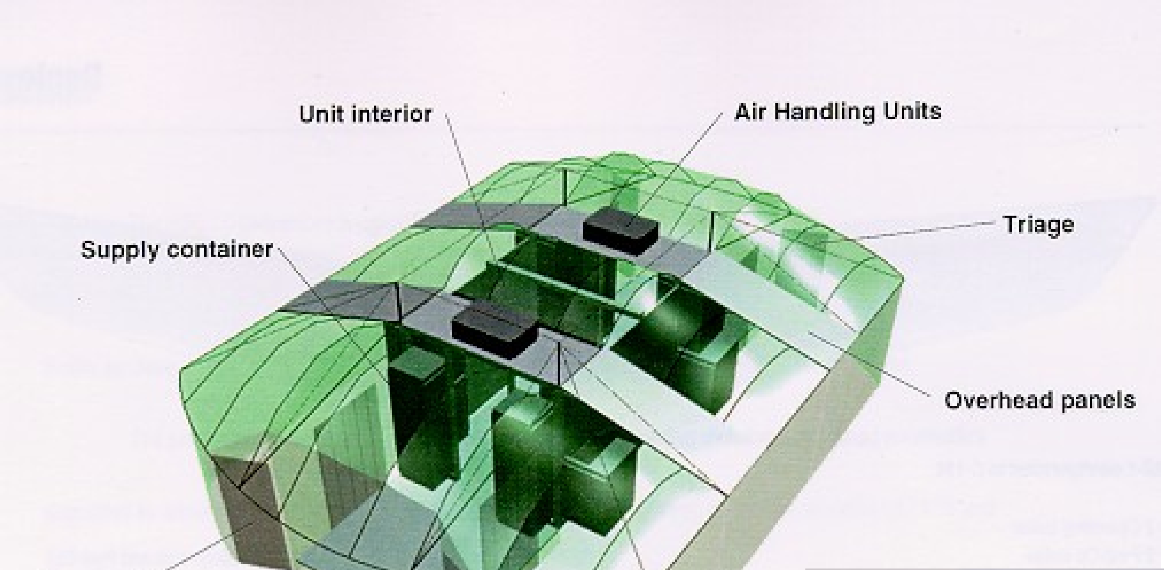


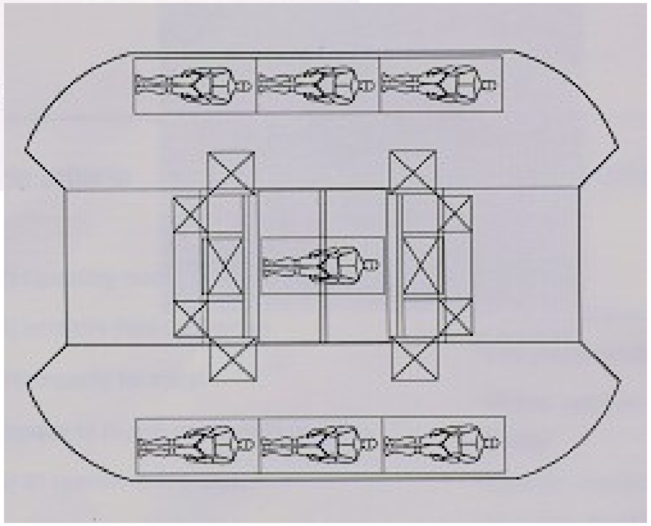
Future Tactical Truck System (FTTS)

Some Interesting Concepts

Don’t Forget Medical…

Blackhawk transport


Unit interior
Air Handling Units
Supply container
Triage
Overhead panels
Entry



“Doc in a Box”

Distribution Changes Needed…

- Processes and Procedures – OA and LOGCOM
- IT Modernization – GCSS-MC
- Equipment Issues - UNS
  - Autonomic Logistics
  - Weight of equipment, vehicles / bladders
  - Integration
- Packaging – common throughout pipe – UNS and TOR
- FSSG Communications Capability – UNS and GCSS-MC

But…*Remember* the Environment

But…*Remember* the Environment

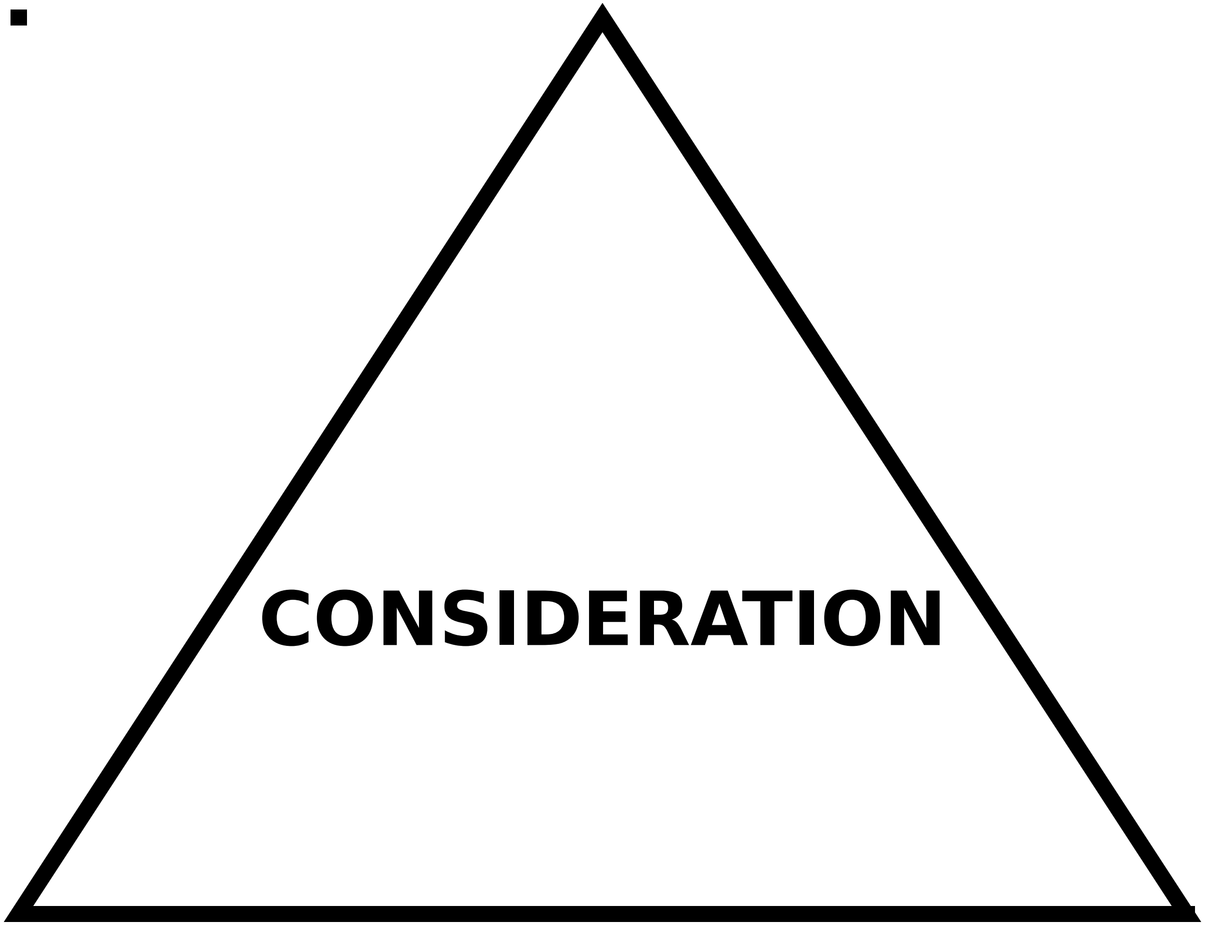
MIGRATION OF MEF LOGISTICS FUNCTIONS TO THE SUPPORTING ESTABLISHMENT (SE) AND ASSOCIATED COMPENSATION

CURRENT ILC FOCUS

- Eliminate, migrate, or automate redundant logistical support functions/services currently performed both by the MEFs and SE.
- Added emphasis on targeting functions no longer conducted once the MEF deploys.

FUNCTIONS UNDER CONSIDERATION

- Personal Effects
- CTEP Class II, Type 3
- NBC Class II PPE
- PP&P, DSU, & TMO under one organization
- All remaining Class II materiel
- Class VIII AMAL/ ADAL
- Class I POR/MRE
- HAZMAT Storage/Recover
- Class VII Ground Equip. Storage
- FSSG SMU / MCB DSSC Merger



MANPOWER

CONSIDERATION

FINANCIAL

FACILITIES /
INFRASTRUCTURE

MANPOWER

- 3PL OUTSOURCE
    - Program Manager?
    - POM submission?
    - SOW development?
    - COR provider?

- BASES & STATIONS MANAGE
    - Labor shortfalls
    - FAP? T/O realign? A-76 or GS hires?
    - Supervisor-to-Worker Ratio?

FINANCE

- No “free lunch”
- Decrementing MEF budget base
- Means for executing permanent budget base transfer (historical spending data alone?)
- Cost factors: Warehouse Mod, POM deltas, NMCI seats, MOA/MOUs, etc.

INFRASTRUCTURE

- Intertwined with the Financial piece
- Tangibles requiring transfer from the MEF to the SE:
    - Class I and II Plant Property
    - Facility key control
    - Class VII GME and MHE
    - ADPE hardware & software assets

CONCLUSION

- SE recognizes it is INDEED the 5th Element of the MAGTF
- No “free lunch”
- Anything less (as in no consideration) could degrade support to the warfighter

USMC Logistics Education Operational Advisory Group Update Brief

27 Oct 03

Purpose

- Provide conference attendees background info and update on Logistic Education OAG progress

- Explain Road Ahead based on DC I&L guidance

Topics

- Background on Progress to Date
- Objectives
- Working Group Taskers
- Resourcing Issues
- Deliverables

Background

- DC I&L interest on the impact of GCSS-MC to the formal schools
- Jan ’03 MCU (Log Instruction Branch) to DC I&L
- Migration of MCLEP to MCU
- Future of MOS 3002

Background on Progress to date for LogEd OAG

- Convened 18/19 Mar ‘03
  - Common understanding of the USMC Logistics Vision and current DoD initiatives (FLE, Communities of Interest, BSM, GCSS-MC, Logistics OA)
- Convened 20/21 May ‘03 Recommendations:
  - Log career track based on integrated log chain
  - New Education topics based on Log OA by rank/grade
  - POA&M to infuse new education/training topics into TECOM (formal schools)
  - School of MAGTF Logistics central manager of log education programs

Objectives

- ❑ Utilize the OA as the foundation for Logistics Education Continum
    - ➢ Produce Mil/Civ USMC Logisticians with a broad knowledge of End-to-End Logistics
    - ➢ Maintain our focus to support MAGTF Operations and all emerging warfighting concepts
    - ➢ Keep pace with technology, best practices, education.
    - ➢ Expand and foster partnerships with in/out of DoD
    - ➢ Identify resources (people, facilities, funding) for the MAGTF School of Logistics (SOL)
    - ➢ Obtain endorsement from CSS Advocacy Board

Resourcing Issues

- Structure transfer to School of MAGTF Logistics
  - Identified (1) Capt 3002 and (2) SSgt 0491
    - TOCR Submitted to transfer from OSD to MCU

  - Identified (1) GS-09
    - TOCR Submitted to transfer from I&L (LPC) to

- Funding
  - Log Education did not compete well during POM FY04 and non-program year FY05
  - LPC-1 working with LS for POM FY06 submission

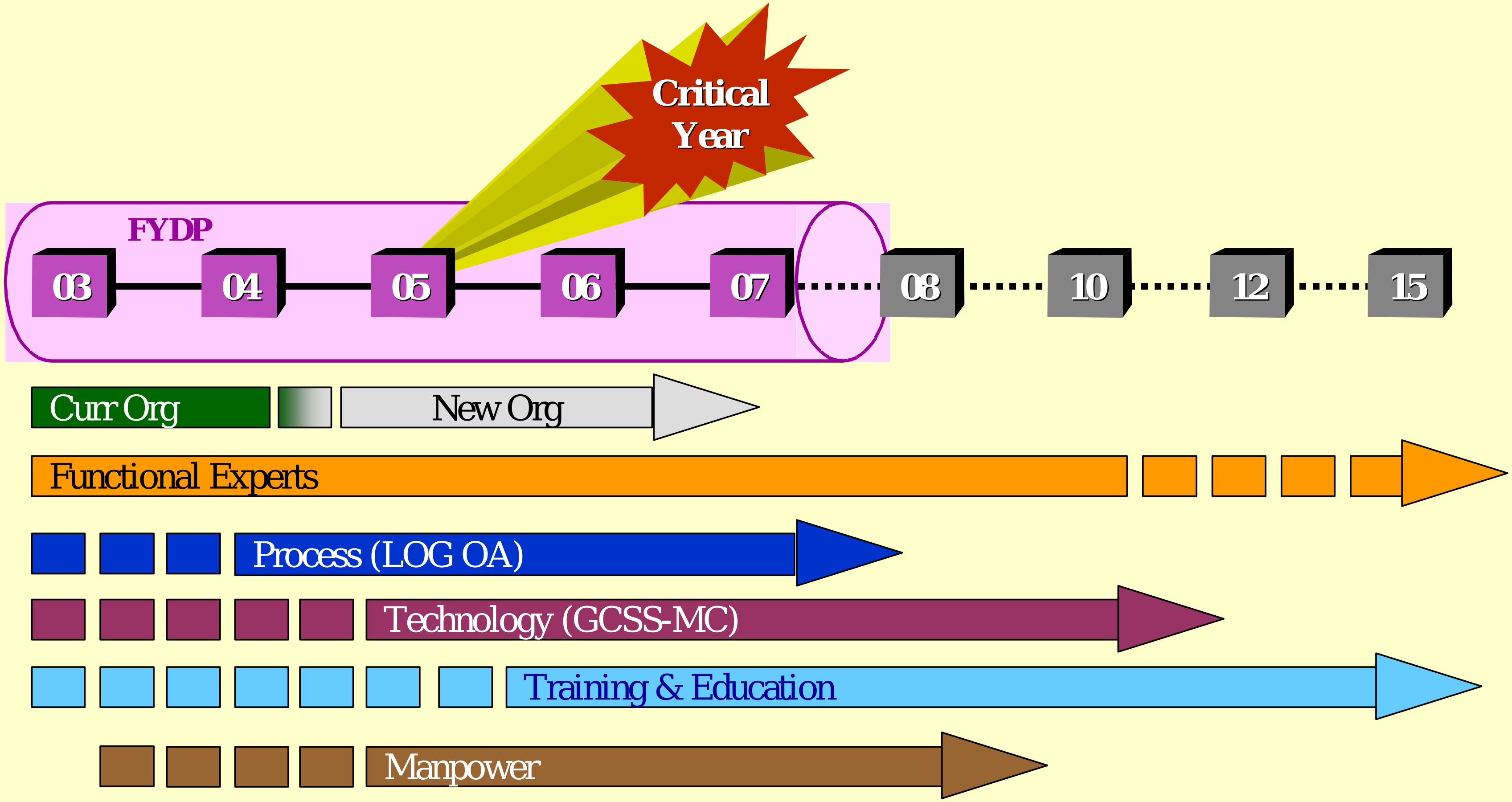
Working Group Taskers

Vision Strategy – Future of Logistics MOSs

Education Continuum – Develop LogEd Continuum

Institutionalize w/in TECOM – 2 yr POA&M to infuse Log OA into formal schools

CSS Transformation Timeline



Critical Year

FYDP

03 04 05 06 07 08 10 12 15

Curr Org

New Org

Functional Experts

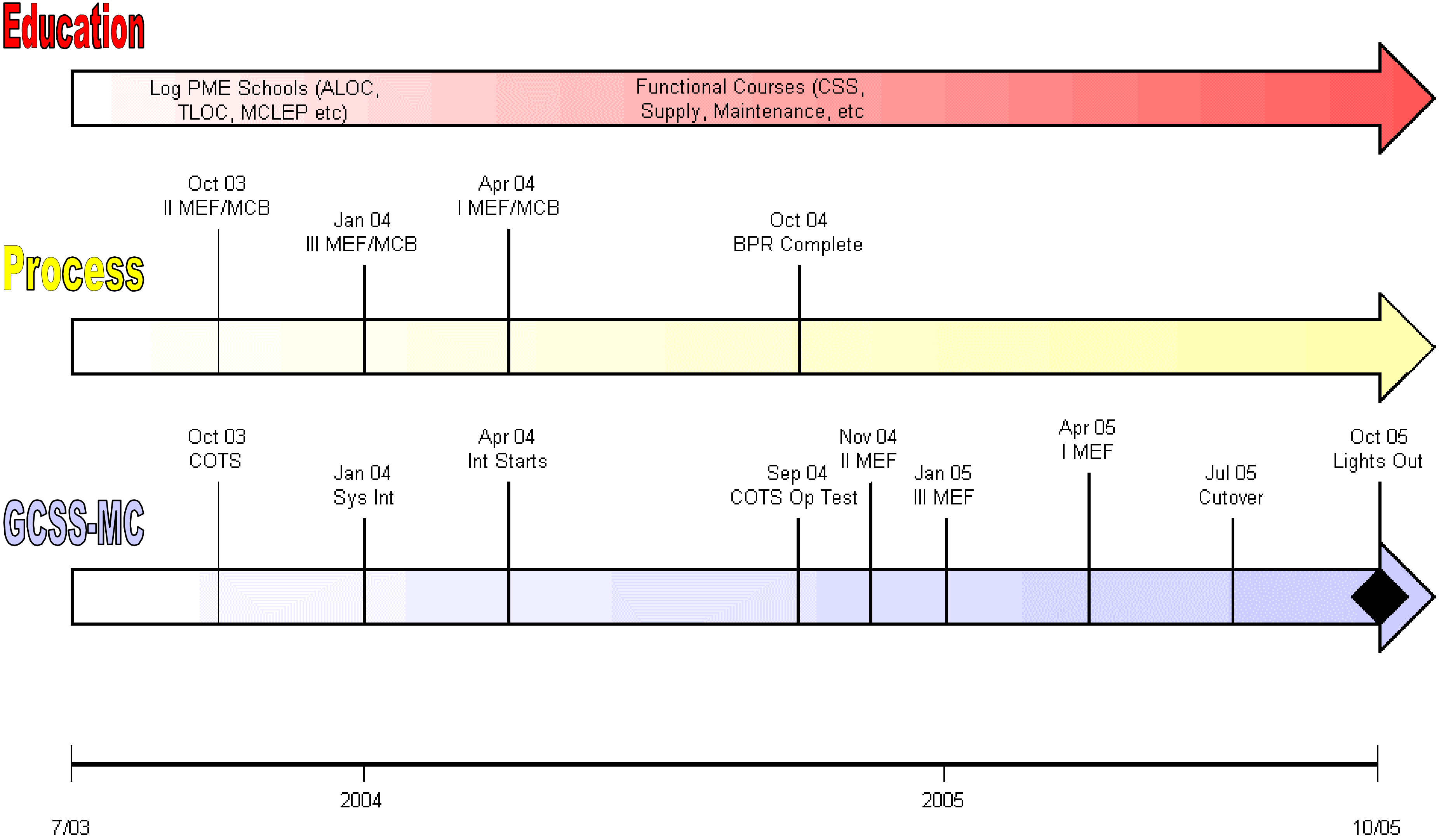
Process (LOG OA)

Technology (GCSS-MC)

Training & Education

Manpower

Timeline



Education

Log PME Schools (ALOC, TLOC, MCLEP etc)

Functional Courses (CSS, Supply, Maintenance, etc

Process

Oct 03
II MEF/MCB

Jan 04
III MEF/MCB

Apr 04
I MEF/MCB

Oct 04
BPR Complete

GCSS-MC

Oct 03
COTS

Jan 04
Sys Int

Apr 04
Int Starts

Sep 04
COTS Op Test

Nov 04
II MEF

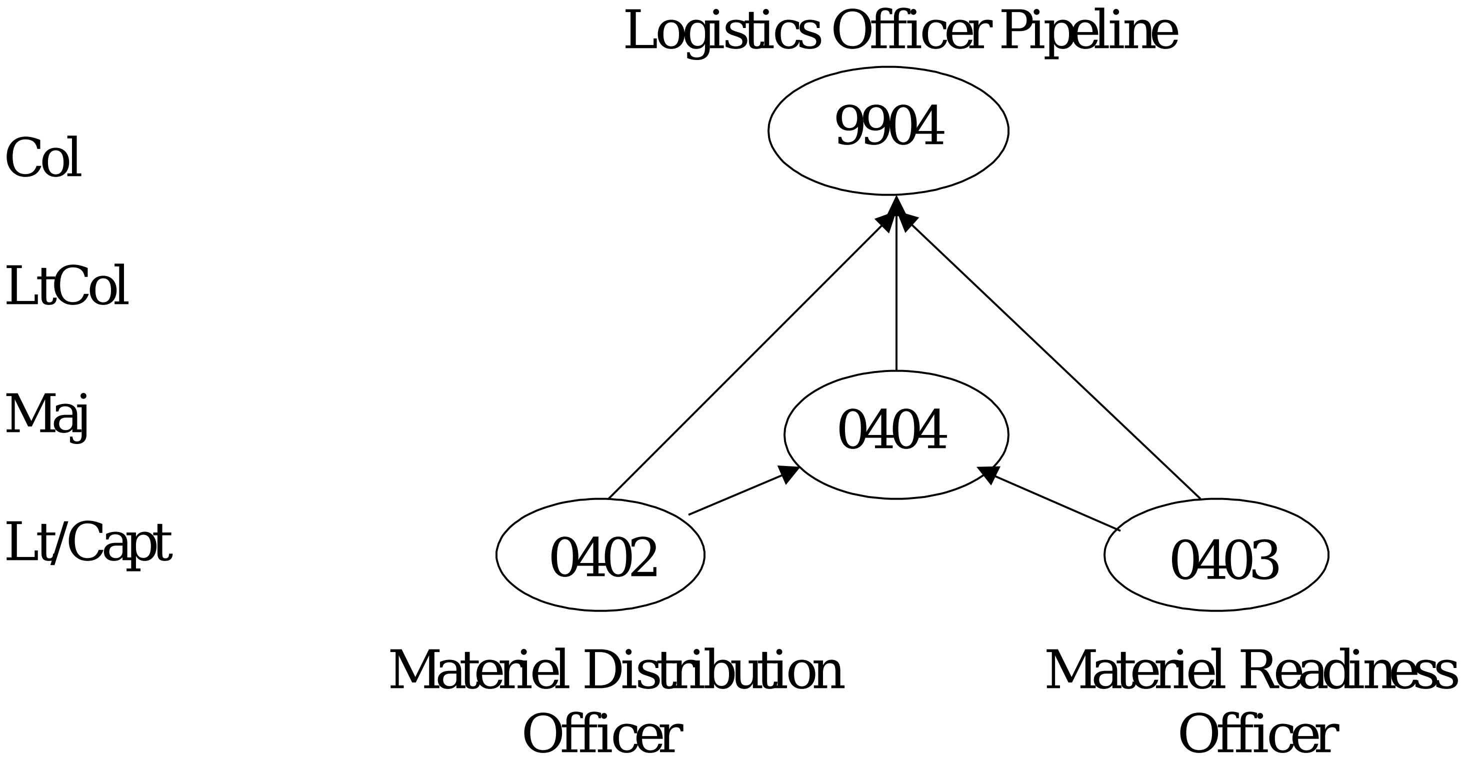
Jan 05
III MEF

Apr 05
I MEF

Jul 05
Cutover

Oct 05
Lights Out

ILC Executive Assessment: Suggestion



Logistics Officer Pipeline

Col

LtCol

Maj

Lt/Capt

9904

0404

0402

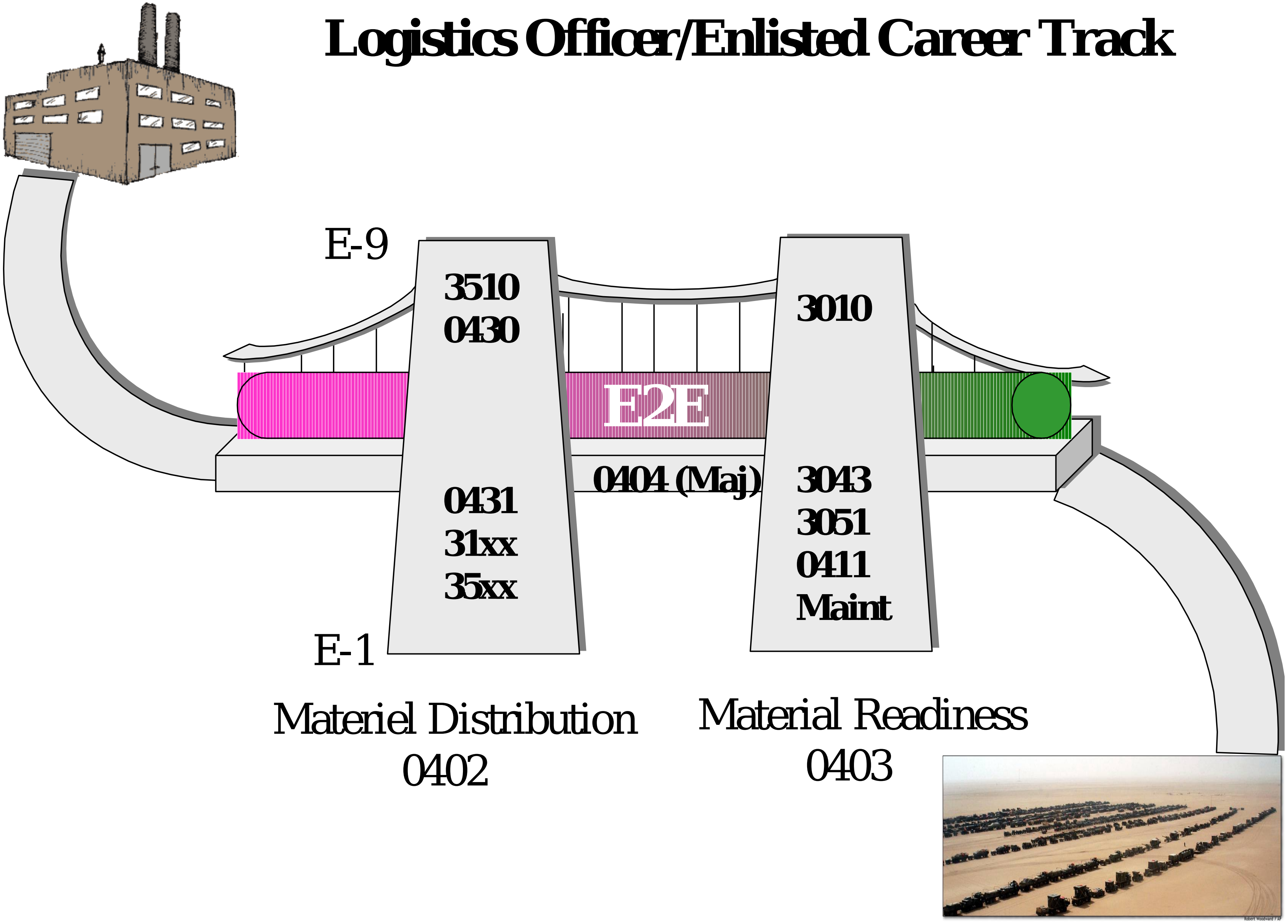
0403

Materiel Distribution Officer

Materiel Readiness Officer

1. Make awarding of the 0404 MOS a “benefit”—dependent upon meeting training requirements that cross both material distribution & readiness
2. Realize that some officers cannot focus outside their functional areas.
3. Consider using the post Vietnam aviation model to institutionalize lessons learned from OIF (e.g., COE, operational level academics/testing).

Logistics Officer/Enlisted Career Track



E-9

3510
0430

3010

E2E

0404 (Maj)

0431
31xx
35xx

3043
3051
0411
Maint

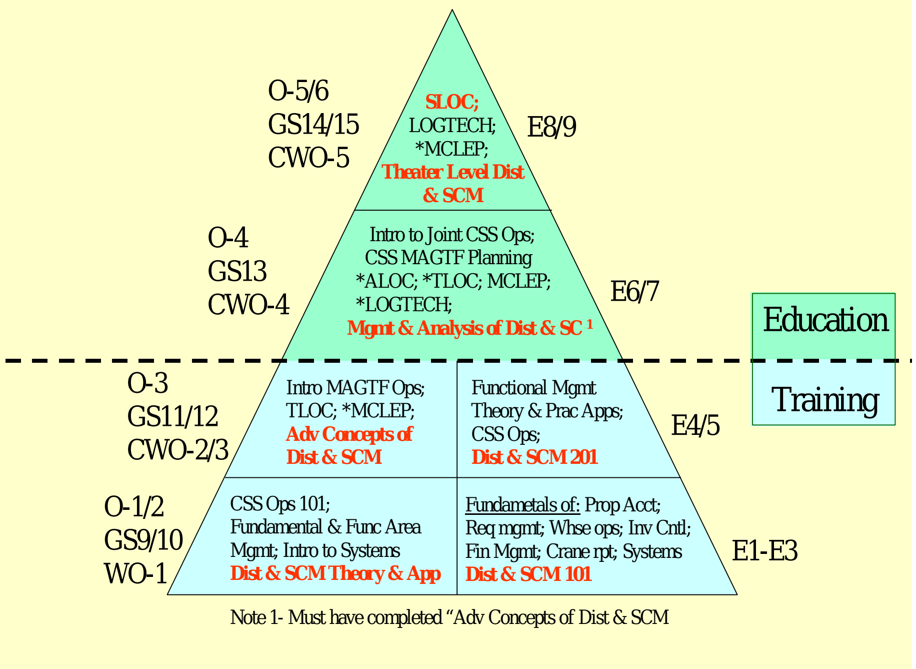
E-1

Materiel Distribution
0402

Material Readiness
0403

Robert Woodward / AP

Proposed T&E Pipeline For Logisticians



O-5/6
GS14/15
CWO-5

SLOC;
LOGTECH;
*MCLEP;
Theater Level Dist & SCM

E8/9

O-4
GS13
CWO-4

Intro to Joint CSS Ops;
CSS MAGTF Planning
*ALOC; *TLOC; MCLEP;
*LOGTECH;
Mgmt & Analysis of Dist & SC [1]

E6/7

Education

Training

O-3
GS11/12
CWO-2/3

Intro MAGTF Ops;
TLOC; *MCLEP;
Adv Concepts of Dist & SCM

Functional Mgmt
Theory & Prac Apps;
CSS Ops;
Dist & SCM 201

E4/5

O-1/2
GS9/10
WO-1

CSS Ops 101;
Fundamental & Func Area
Mgmt; Intro to Systems
Dist & SCM Theory & App

Fundametals of: Prop Acct;
Req mgmt; Whse ops; Inv Cntl;
Fin Mgmt; Crane rpt; Systems
Dist & SCM 101

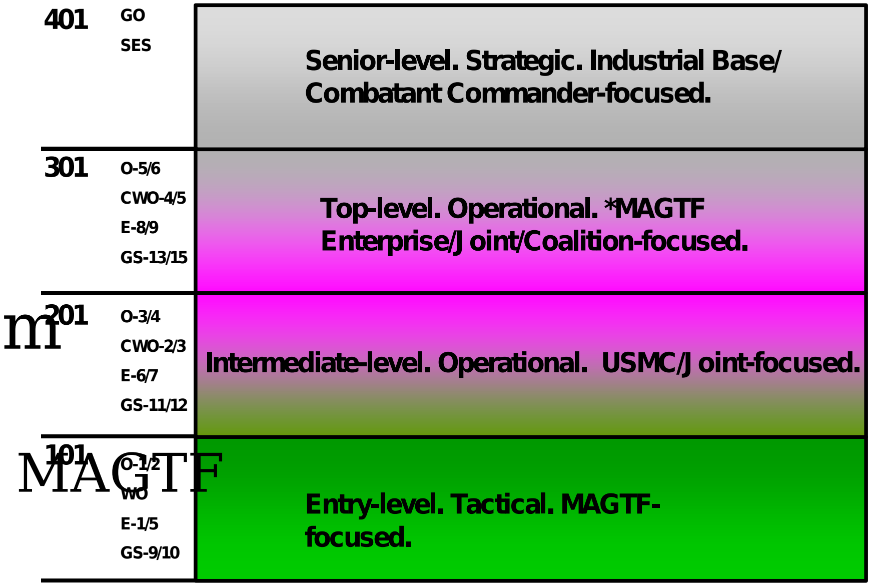
E1-E3

Note 1- Must have completed “Adv Concepts of Dist & SCM

Developed by Vision Strateg
Working Group

Proposed

LOGISTICS EDUCATION CONTINUUM



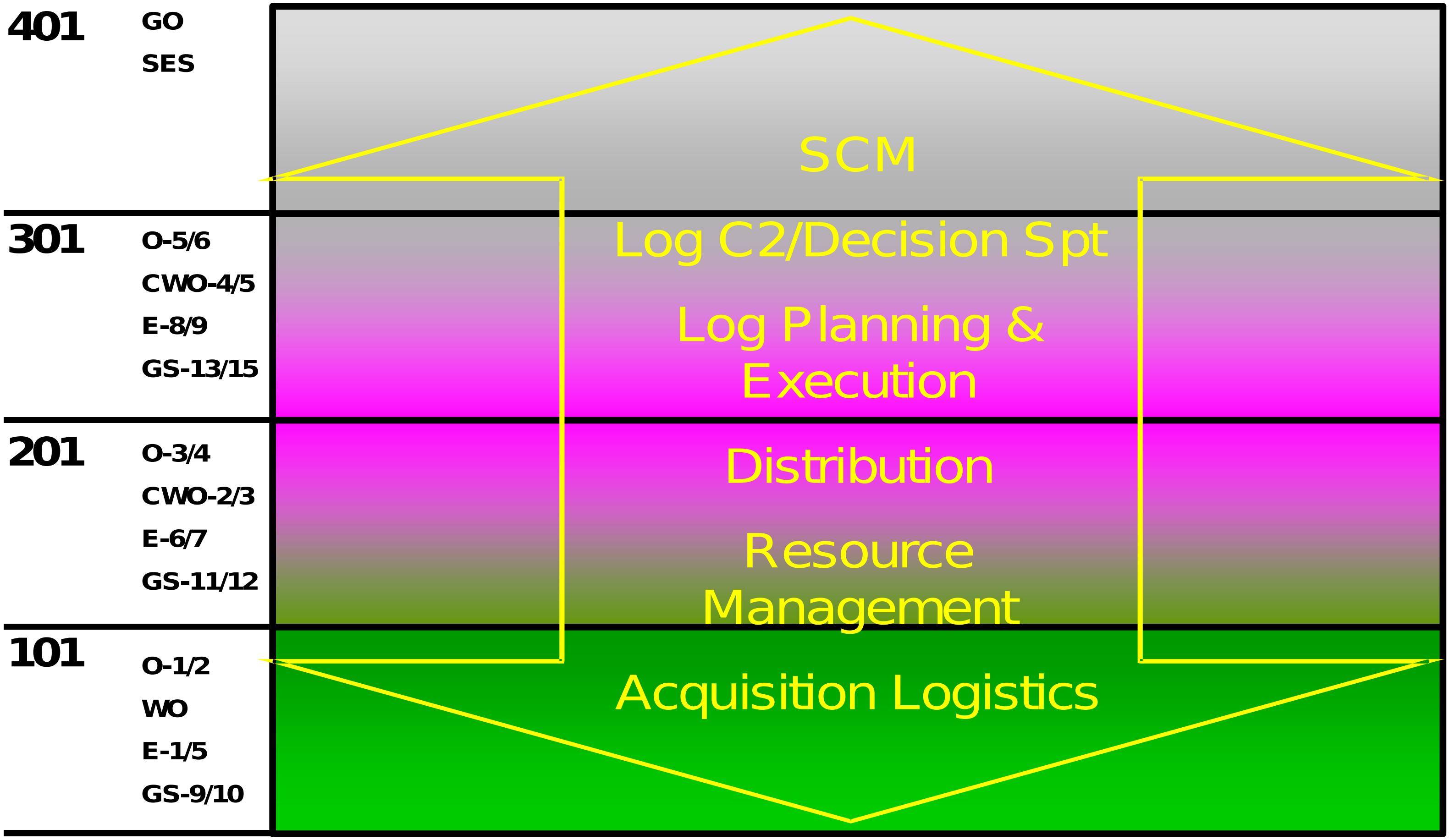
401	GO SES	Senior-level. Strategic. Industrial Base/ Combatant Commander-focused.
301	O-5/6 CWO-4/5 E-8/9 GS-13/15	Top-level. Operational. *MAGTF Enterprise/Joint/Coalition-focused.
201	O-3/4 CWO-2/3 E-6/7 GS-11/12	Intermediate-level. Operational. USMC/Joint-focused.
101	O-1/2 WO E-1/5 GS-9/10	Entry-level. Tactical. MAGTF-focused.

Refined by LogEd Continuum
Working Group

* Incorporates 5th Element of the MAGTF

Proposed

LOGISTICS EDUCATION CORE KNOWLEDGE



401 GO
SES

301 O-5/6
CWO-4/5
E-8/9
GS-13/15

201 O-3/4
CWO-2/3
E-6/7
GS-11/12

101 O-1/2
WO
E-1/5
GS-9/10

SCM

Log C2/Decision Spt

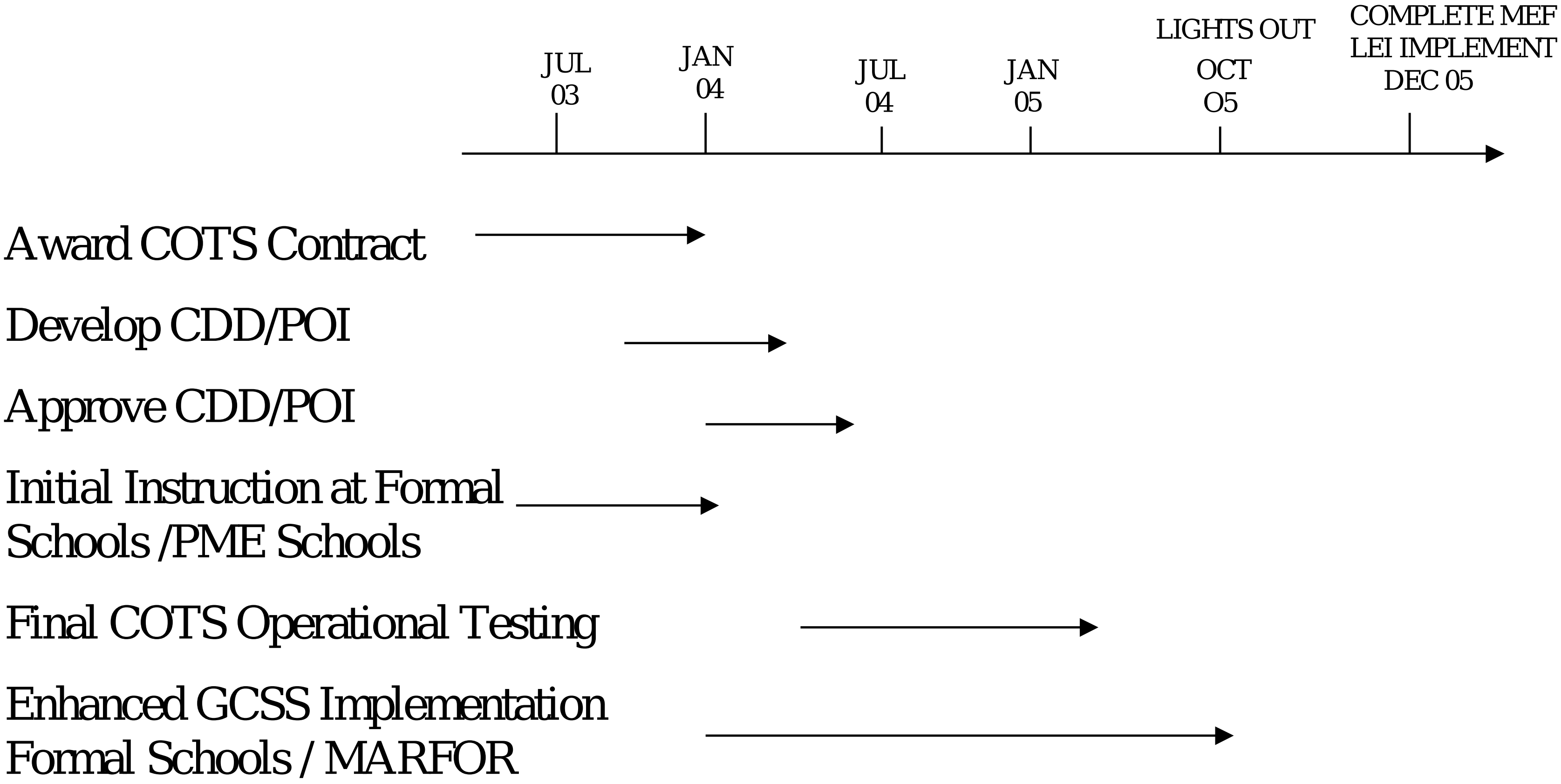
Log Planning & Execution

Distribution

Resource Management

Acquisition Logistics

INSTITUTIONALIZING TECOM INSTRUCTION POA&M TIMELINE



JUL 03

JAN 04

JUL 04

JAN 05

LIGHTS OUT

OCT O5

COMPLETE MEF LEI IMPLEMENT

DEC 05

Award COTS Contract

Develop CDD/POI

Approve CDD/POI

Initial Instruction at Formal Schools /PME Schools

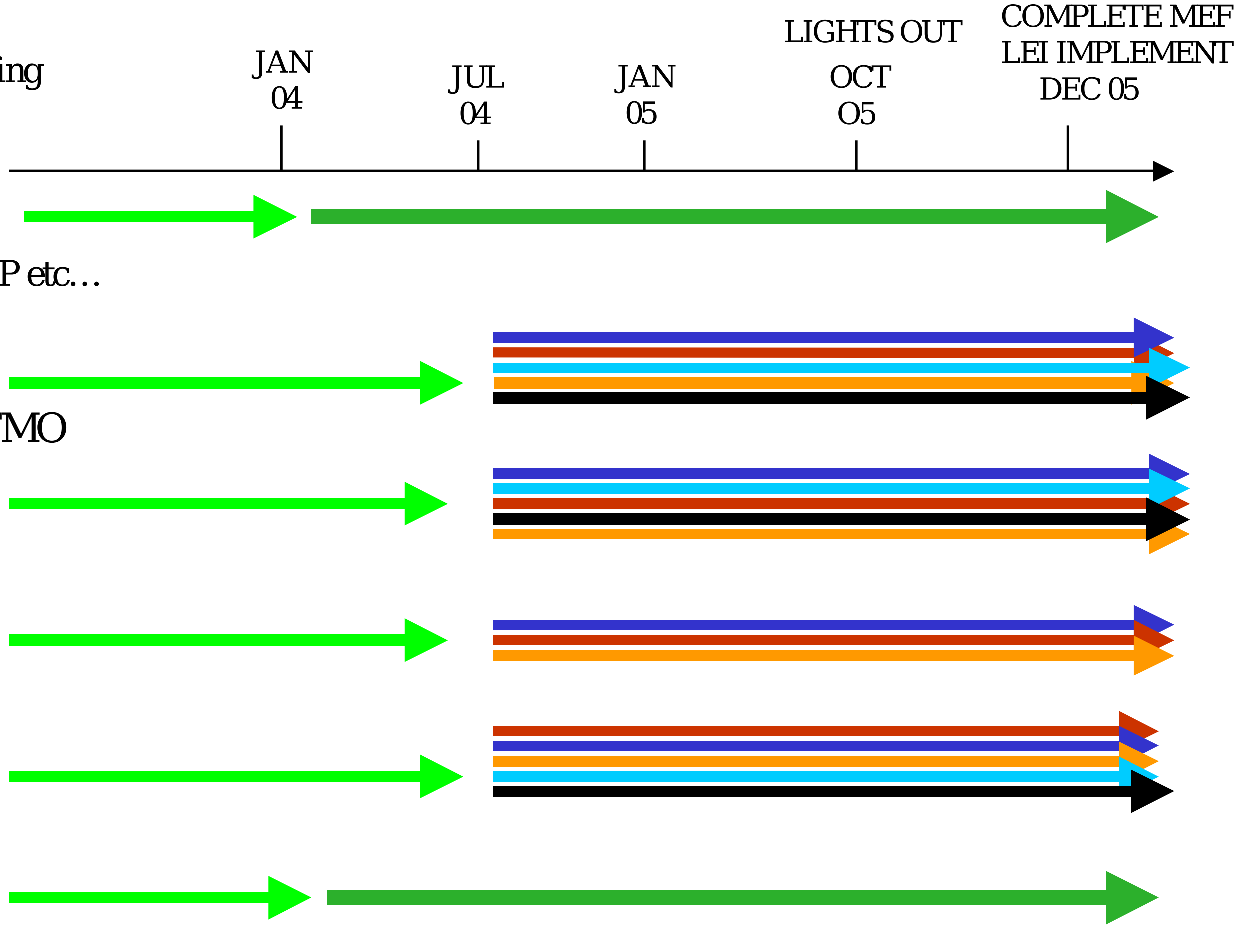
Final COTS Operational Testing

Enhanced GCSS Implementation Formal Schools / MARFOR

INSTITTUTIONALIZING TECOM INSTRUCTION

LEGEND

- 🟥 = Request Manager
- 🟦 = Order Manager
- 🟧 = Capacity Manager
- ▬ = Production Manager
- ⬛ = Execution Manager
- 🟩 = Log chain intro
- 🟩 = Enhanced Log chain training



JAN 04

JUL 04

JAN 05

LIGHTS OUT OCT O5

COMPLETE MEF LEI IMPLEMENT DEC 05

PME COURSES
- SNCO, EWS, TBS, ALOC, MCLEP etc…

CSS COURSES
- LOG OFF, CSS CHIEF, TD, TMO

SUPPLY COURSES

MIMMS COURSES

MECH TRAINING
- Engr, Comm, Ord, Motor T

FMF UNITS
- Mini-MCLEP

Road Ahead

- Resources
  - Continue to work POM FY06 submission
  - Track TOCR submissions to transfer struc MCU in support of School of MAGTF Logis

- Include M&RA, TFS, and OccFld sponsors in developing migration plan of 3002/0402 into proposed distribution/readiness MOSs

Advocate "Rudder Guidance"?

- Future of the Log MOSs
  - 3002/0402 evolves into 0403, 0404, 0402?

- Development of Log Ed Continuum
  - 4 Tiered Approach? (BLOC, TLOC, ALOC, SLO

- POA&M on Log OA infusion into formal schools
  - Institutionalization in concert with GCSS-MC r

- Advocacy Board Brief on efforts to date?

Back Up Slides

LOGISTICS EDUCATION CONTINUUM
(ACQUISITION LOGISTICS)

401	**GO** **SES**	
301	**O-5/6** **CWO-4/5** **E-8/9** **GS-13/15**	**Understand and apply the concepts of logistics support planning, acquisition policy, requirements determination, program management, contracting, and Government funds management.**
201	**O-3/4** **CWO-2/3** **E-6/7** **GS-11/12**	**Understand and apply the concepts of systems engineering, life-cycle cost management, and risk analysis; integrate operational supportability into the system development process.**
101	**O-1/2** **WO** **E-1/5** **GS-9/10**	**Understand the fundamental concepts of requirements identification, life-cycle costing, integrated product and process development, supportability analysis, product support, contracting, and contractor logistics support.**

LOGISTICS EDUCATION CONTINUUM
(RESOURCE MANAGEMENT)

401	GO SES	
301	O-5/6 CWO-4/5 E-8/9 GS-13/15	**Integrate enterprise logistics plans and align financial resources based on operational/strategic requirements, resources, capacity, and priority; evaluate emerging management practices and IT to improve asset management processes.**
201	O-3/4 CWO-2/3 E-6/7 GS-11/12	**Apply financial management and skills to manage operational-level finances and formulate budgets based on operational requirements and available capacity.**
101	O-1/2 WO E-1/5 GS-9/10	**Apply fundamentals and general concepts of financial management and skills for managing finances and determining cost data.**

LOGISTICS EDUCATION CONTINUUM (DISTRIBUTION)

401	**GO** **SES**	
301	**O-5/6** **CWO-4/5** **E-8/9** **GS-13/15**	**Analyze, estimate, and allocate intertheater distribution resources/capabilities relative to the operational/sustained throughput requirement; understand strategic distribution resources/capabilities.**
201	**O-3/4** **CWO-2/3** **E-6/7** **GS-11/12**	**Analyze, estimate, and allocate intratheater and interservice distribution resources, capabilities, and nodes relative to the operational/sustained throughput requirement.**
101	**O-1/2** **WO** **E-1/5** **GS-9/10**	**Analyze, estimate, and allocate distribution resources, capabilities, and nodes relative to the tactical throughput requirement.**

LOGISTICS EDUCATION CONTINUUM
(LOG PLANNING & EXECUTION)

401	**GO** **SES**	
301	**O-5/6** **CWO-4/5** **E-8/9** **GS-13/15**	**Integrate joint/coalition logistics capabilities/requirements within the operational design and overarching strategy; manage elements of the USMC logistics enterprise.**
201	**O-3/4** **CWO-2/3** **E-6/7** **GS-11/12**	**Apply logistics concepts to operational planning and execution; integrate USMC logistics capabilities/requirements into the joint warfighting environment in order to support operational objectives.**
101	**O-1/2** **WO** **E-1/5** **GS-9/10**	**Apply CSS doctrine and concepts to tactical-level operations; apply the MCPP to CSS; integrate functional areas of CSS into operations in order to support the tactical commander.**

LOGISTICS EDUCATION CONTINUUM
(LOG C2/DECISION SUPPORT)

401	**GO** **SES**	
301	**O-5/6** **CWO-4/5** **E-8/9** **GS-13/15**	**Leverage service logistics chain effects within the joint/coalition warfighting environment to support operational objectives and strategic goals.**
201	**O-3/4** **CWO-2/3** **E-6/7** **GS-11/12**	**Integrate USMC logistics chain effects within the joint warfighting environment to support operational objectives.**
101	**O-1/2** **WO** **E-1/5** **GS-9/10**	**Integrate USMC logistics chain effects with other warfighting functions to support the tactical commander's decision-making process.**

LOGISTICS EDUCATION CONTINUUM
(SUPPLY CHAIN MANAGEMENT)

401	GO SES	
301	O-5/6 CWO-4/5 E-8/9 GS-13/15	Integrate best practices, analysis methods, technology applications, and strategy development at the enterprise level to support the operational/strategic commander.
201	O-3/4 CWO-2/3 E-6/7 GS-11/12	Apply supply chain management operational and technical competencies in the areas of capacity management, logistics chain execution, and life cycle support.
101	O-1/2 WO E-1/5 GS-9/10	Apply fundamentals and general concepts of supply chain practices and principles for initiating and managing customer orders, establishing and maintaining customer relationships, and providing CSS to supported units.

Materiel End-2-End Distribution

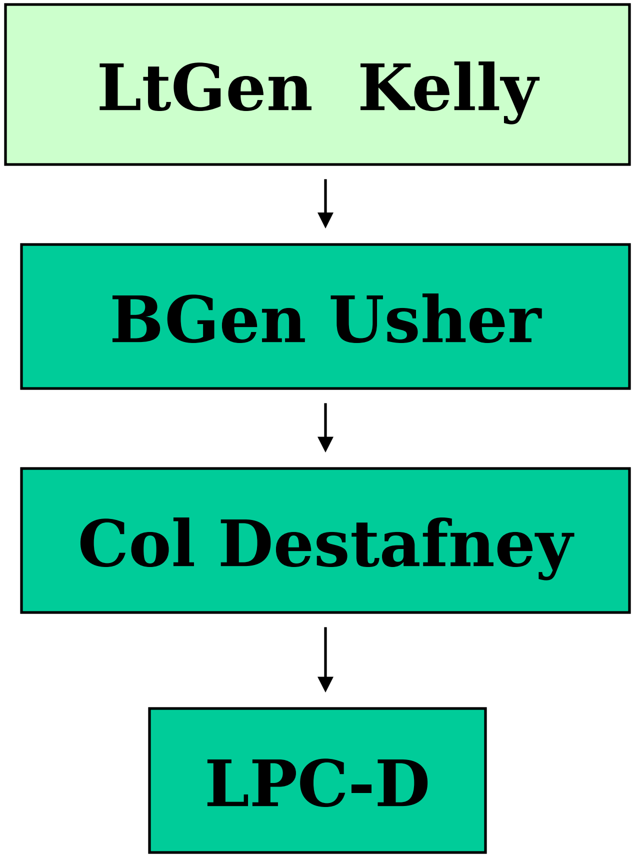
Steve Thien

HQMC, LPC-D

Agenda

- Where LPC-D fits in I&L
- Transformation Environment
- E2E Distribution Overview
- Critical Shortfalls
- Priority Schemes
- RFID and Working Group
- AT21
- Tactical Manifesting Capability
- Distribution Requirements
- Closing Thoughts

Where we fit in the I&L Organization:



LtGen Kelly

↓

BGen Usher

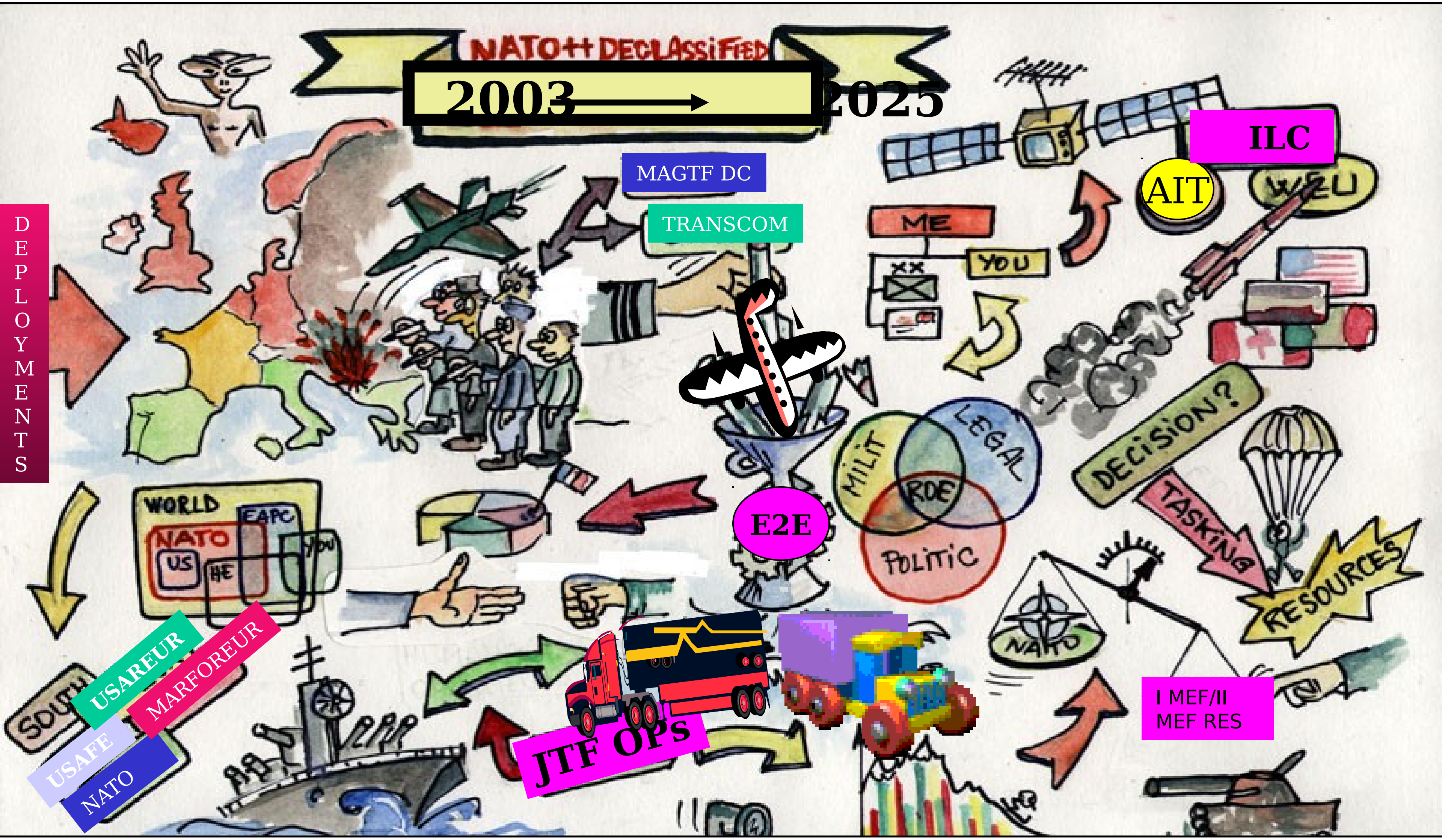
↓

Col Destafney

↓

LPC-D

TRANSFORMATION ENVIRONMENT



2003 → 2025

MAGTF DC

TRANSCOM

ILC

AIT

DEPLOYMENTS

E2E

JTF OPs

I MEF/II MEF RES

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MARFOREUR

USAFE

NATO

NATO++ DECLASSIFIED
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DECISION?
TASKING
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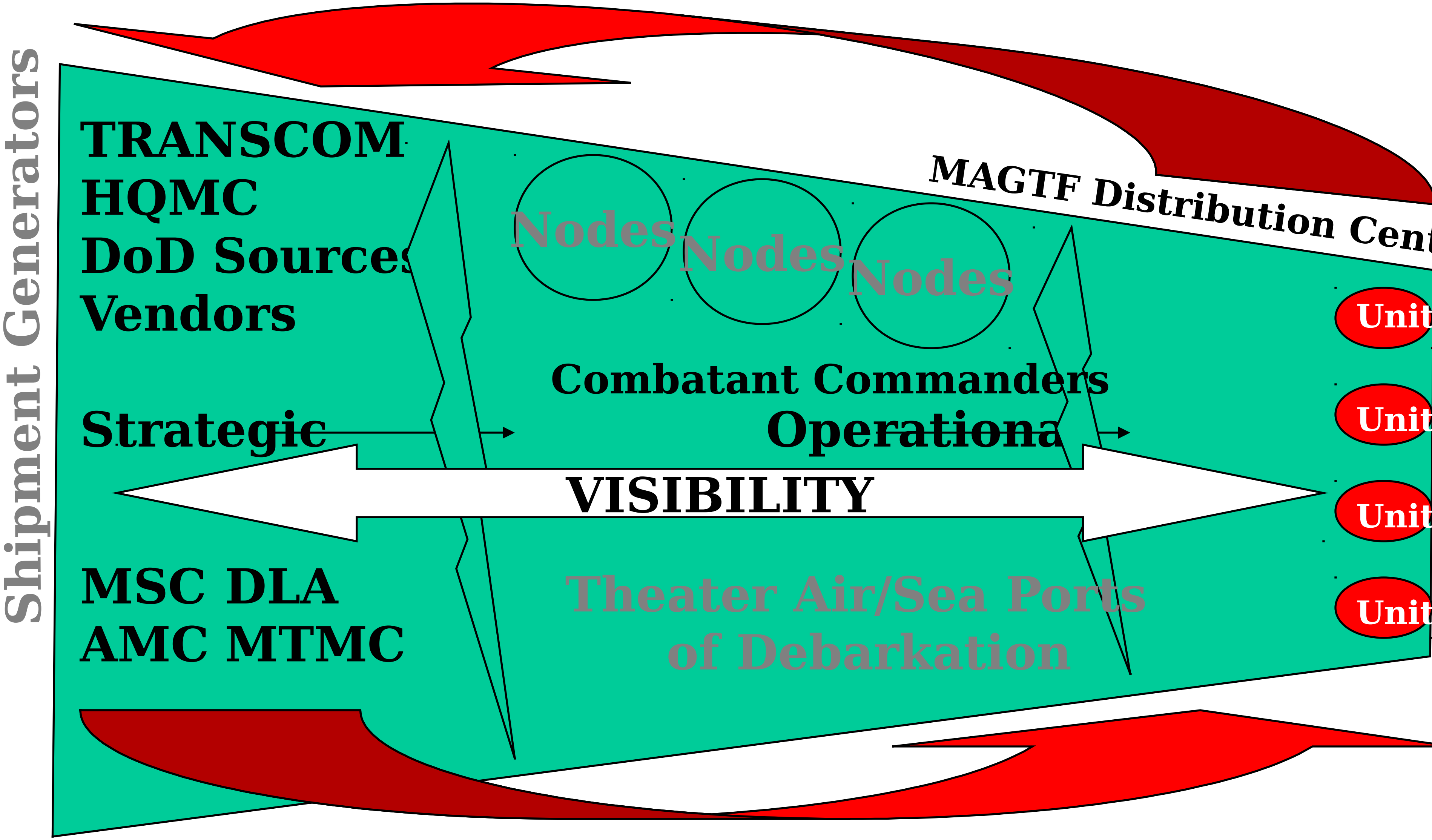
SOUTH

E2E Distribution Overview



Shipment Generators

TRANSCOM
HQMC
DoD Sources
Vendors

Strategic

MSC DLA
AMC MTMC

Nodes

Nodes

Nodes

Combatant Commanders

Operationa

VISIBILITY

Theater Air/Sea Ports
of Debarkation

MAGTF Distribution Cent

Unit

Unit

Unit

Unit

Need to shape E2E distribution so that the tactical Marine is provided the methods and tools to execute inbound and outbound movements of all classes of supply while maintaining Total Visibility and Intransit Visibility throughout the distribution pipeline.

Critical Shortfalls

- Lack of E2E TAV/ITV in the distribution pipeline
- No standard E2E distribution process, people and systems
- Cumbersome, inflexible and outdated functional/process stovepipes, policies and enablers
- Gaps in IT and processes, both inter-service and intra-service
- Lack of a common rationale underlying prioritization methods

Distribution Activities

- Joint Transportation Board (JTB)
  - Developed Airlift Clearance Authority (ACA) guidance
  - Strategic Movement Center (SMC) Development
  - Broaden Radio Frequency Identification (RFID) In Transit Visibility (ITV) data server audience
- DUSD (Logistics and Materiel Readiness) Initiatives
  - Promulgation of Performance Based Agreements (PBAs)
  - Transformation of DoD regulation 4140.1-R from Materiel Readiness to Supply Chain Materiel Management
  - Development of a Business Enterprise Architecture - Logistics

Multiple and Contradictory Distribution and Force Projection Priority Schemes

Boards

Joint Materiel Priorities and Allocation Board

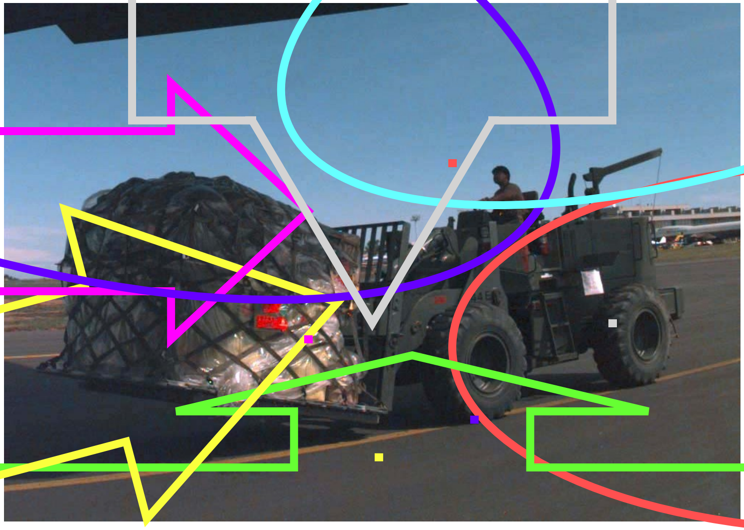
Joint Transportation Board

Prioritization and Validation Boards

First In First Out

UMMIPS

FAD	UND A	UND B	UND C
I	01	04	11
II	02	05	12
III	03	06	13
IV	07	09	14
V	08	10	15



JOPES

Billing

CJCS Project Codes

Transportation Accou
Codes

DTS Priorities

Pipeline Operator and Supported Commander Cooperative Prioritization

RFID

- New DoD policy issued 2 Oct 2003
- Objective: integrate active and passive RFID technologies into DoD business processes to enhance Total Asset Visibility and Intransit Visibility
- Joint IPT – oversee implementation of new policy
- Three Working Groups to support IPT
  - Technical
  - Business Process
  - Implementation

RFID WG Membership (MC)

- Technical
  - Lead – Nick Linkowitz (LPV)
  - SME – Ricky Morton (LPV)
- Business Process
  - Lead – LtCol Carlos Montemayor (LPCD)
  - SME – Heidi Daverede (LPCD), LtCol George Lauve (LPO), Ricky Morton (LPV), and Roy Truba (LPV)
- Implementation
  - Lead – LtCol Barnes (LPV)
  - SME – Maj Macon Robinson (LPCD), Maj Dave Lawson (LPO), and Ricky Morton (LPV)

WG Leads WILL Coordinate Requirements with MARFORs and LOGCOM

AT21

- Advanced Concept Technology Demonstration
- Current capability:
  - Captures transportation requirements
  - Scheduling optimization
  - Creates a visual, collaborative environment to manage lift requirements against lift assets
  - Web-based, COTS tool
- USTRANSCOM-sponsored project
- HQMC pursuing extension of this capability into the tactical operating environment

Tactical Manifesting Capability

- AMS-Tac/STRATIS interface
  - Field test at CLNC Nov 2003
  - TMO receiving perform auto receipts (Phase II) using AMS-Tac, based on its delivery to using unit
- STRATIS/AMS-Tac interface
  - Field test at CLNC Nov 2003
  - Consolidated manifest capability for all local delivery and inbound off-base shipments

Distribution Requirements

- MARFORs, MEFs, FSSGs, Bases - submit to HQMC LPCD advocate
- HQMC LPCD
  - Evaluate requirement against existing DoD/MC policies
    - DoD Regulations, MCOs, MARADMINs
    - CIO baseline, NMCI, DITSCAP
  - Identify options for resolution in coordination with LOGCOM/MARCORSYSCOM
  - Staff system solutions with appropriate PMO
  - Staff policy and regulatory changes

All distribution policy, procedure, or systems changes MUST be submitted to HQMC LPC-D

Thoughts…..

- A single, integrated process architecture to plan, schedule, execute and analyze both contingency (deployment) and non-contingency moves.

- Seeing is believing…..If we can show the tactical Marine what is coming he will normally trust his eyes.

- A financial architecture that supports theater commander’s distribution needs--financial support systems too often drive transportation decisions.

- A comprehensive prioritization methodology, covering all DoD movements, based on the supported commander’s intent.

Questions?

LOGCOM

4TH Echelon Maintenance Migration Update

20 Oct 03

LtCol Ken Brown

Maj Ron Wilson

Direction

Marine Corps Logistics Campaign Plan 2001…

1.6.2 Transition management of 4th echelon maintenance to MATCOM during FY 02.

Integrated Logistics Capabilities (ILC) Case Study…

ACMC approved recommendation to…

Move Secondary Reparable (SECREP) and 4th Echelon of Maintenance (EOM) Management to MATCOM

Approach

- Use of WIPT’s to identify requirements/processes:
  - Scope 4TH EOM effort
  - Determine process and system integration requirements
  - Determine level of current FMF outsourcing efforts (FY 2001 as base year)
  - Determine SECREP maintenance capability required on the battlefield (Operating Capability)
- Use GSM Company as baseline
- Leverage existing sources, where applicable, and provide alternate source for SECREP requirements beyond IMA’s capabilities
- Phased-in approach

Objectives

- Improve responsiveness to Operating Forces
  - Reduce variance in OST (consistency in delivery performance)
  - Reliability (expand MTBF)
  - Order accuracy (right product to right customer in correct configuration)
  - Standardize, streamline processes for outsourced SECREP maintenance
  - Reduce management burden of OpFors by decreasing number of local contracts under single USMC-wide provider (LOGCOM managed)
- Effectively source and manage USMC-wide SECREP maintenance
- Align current garrison capability with required operating (battlefield) capability
- Identify potential realignment of resources as a result of outsourcing capabilities

Actions Completed

- ✓ SME’s identified required Operating (battlefield) Capability
- ✓ Completed impact assessment to identify resources committed to excess capability
- ✓ Developed Capstone recommendation for future state of GSM Company
- ✓ Implemented Proof of Concept to test ability to source and manage Enterprise-wide SECREP maintenance requirements
- ✓ Developed Criteria for Migration Plan
- ✓ Identified initial list of potential outsource candidates
- ✓ Contracted Raytheon Information Systems as 3PL provider

WIPT Results

- WIPT II Defined Operating (Battlefield) Capability for SECREP Repair:

  "Expeditious repairs that can be effected with available resources, utilizing the technical documentation, support equipment, and skill sets possessed by intermediate level weapon system maintainer. Repairs are generally limited to removal/replacement of SECREPs down to the SRU level and removal/replacement of external Class IX repair parts."
- WIPT III Recommendation for disposition of GSM Company
  - "To collapse GSM Company in it's entirety and realign resources to other maintenance activities. "
  - Welding, machine shop, diagnostics, and minor SECREP repair remain IMA maintenance requirements
  - Maintain current capabilities during transition phase to mitigate risk

WIPT Results Cont'd

- Requirement to assess impact of 4th EOM migration on ILS elements (DOTMLPF) and near term fielding/acquisitions of weapon systems
- Conditions that must be met to begin realignment of FSSG resources
  - Contingency plan in place
  - Interoperability with existing processes/systems
  - Demonstrated warranty management capability
  - Standard for performance of support is met
    - Effective MARCORLOGBASES SRM/CRM capability
    - Performance of supplier(s)
- End State of 4th EOM migration:
  - SECREP rebuild is sourced and managed by LOGCOM
  - FSSG resources are realigned

Program Enablers

- Warranted product, administered by integrator
- Serial number tracking for applicable SECREPs
  - Warranty administration
  - Trend analysis
  - MTBF tracking/analysis
- Configuration management
- Global asset tracking (serviceable/unserviceable)
- Quality Control
- Site representatives at each MEF

Implementation Plan

- Staff/Publish LOI to Operating Forces Sep 03
- First Group of NSNs on Contract Sep 03
  - Primarily Field Level Repairables (FLRs)
  - Approximately 123 NSNs (engines, transmissions,
    Sep 03
    drive train components)
- Publish Implementation Message Sep 03
- Begin Implementation at LOGCOM
  Retail-Level RIP Sep 03
- Brief I and II MEFs on Implementation Sep 03
- **Begin Implementation at I MEF Oct 03**
- HQMC EOM WIPT Oct 03
- **Begin Implementation at II MEF Dec 03**

Implementation Plan

- Brief III MEF/MARFORRES Jan 04
- **Begin Implementation at III MEF**
  - **CSSG-3 Mar 04**
  - **Okinawa Apr 04**
- **Begin Implementation at MARFORRES Jul 04**
- Remaining NSNs on Contract Oct 04

  (will be phased in incrementally)

Work in Progress

- Continued integration with processes and logistics’ information systems (current and future)
- Continue refinement of deployed support plan
- Finalize III MEF/MARFORRES implementation plan
- Migrate to other commodity areas
- Analysis to estimate cost of program and impact on MEF budget requirements

Questions?

Backup

Background

- Identified 705 SECREPs as candidates for outsourcing
- Filtered out 328 as either being phased out within 12 months, obsolete, already eliminated, uneconomical to repair, or already under CLS
- 377 candidates remaining
    - 254 Field Level Repairables
    - 123 Depot Level Repairables
- MOA with UNICOR for 43 NSN’s for Starters, Alternators, Generators
- Negotiated contract with Raytheon to perform as integrator for outsourced SECREP rebuild

WOLPH II MSC AND MEF DATABASES

- TIER 1 - Direct

MAIN WOLPH ALBANY

- TIER 2 - MEF

I MEF, II MEF, III MEF, MARFORRES

- TIER 3 – MSC

FSSG I MEF, FSSG II MEF, FSSG III MEF, WING I MEF, WING II MEF, WING III MEF, DIVISION I MEF, DIVISION II MEF, DIVISION III MEF

WOLPH II MSC AND MEF USER TYPES

- TIER 1 - Direct

Database Managers
Item Managers
Direct Users (includes MEF Managers)

- TIER 2 - MEF

MEF Managers
MEF Users and (includes MSC Managers)

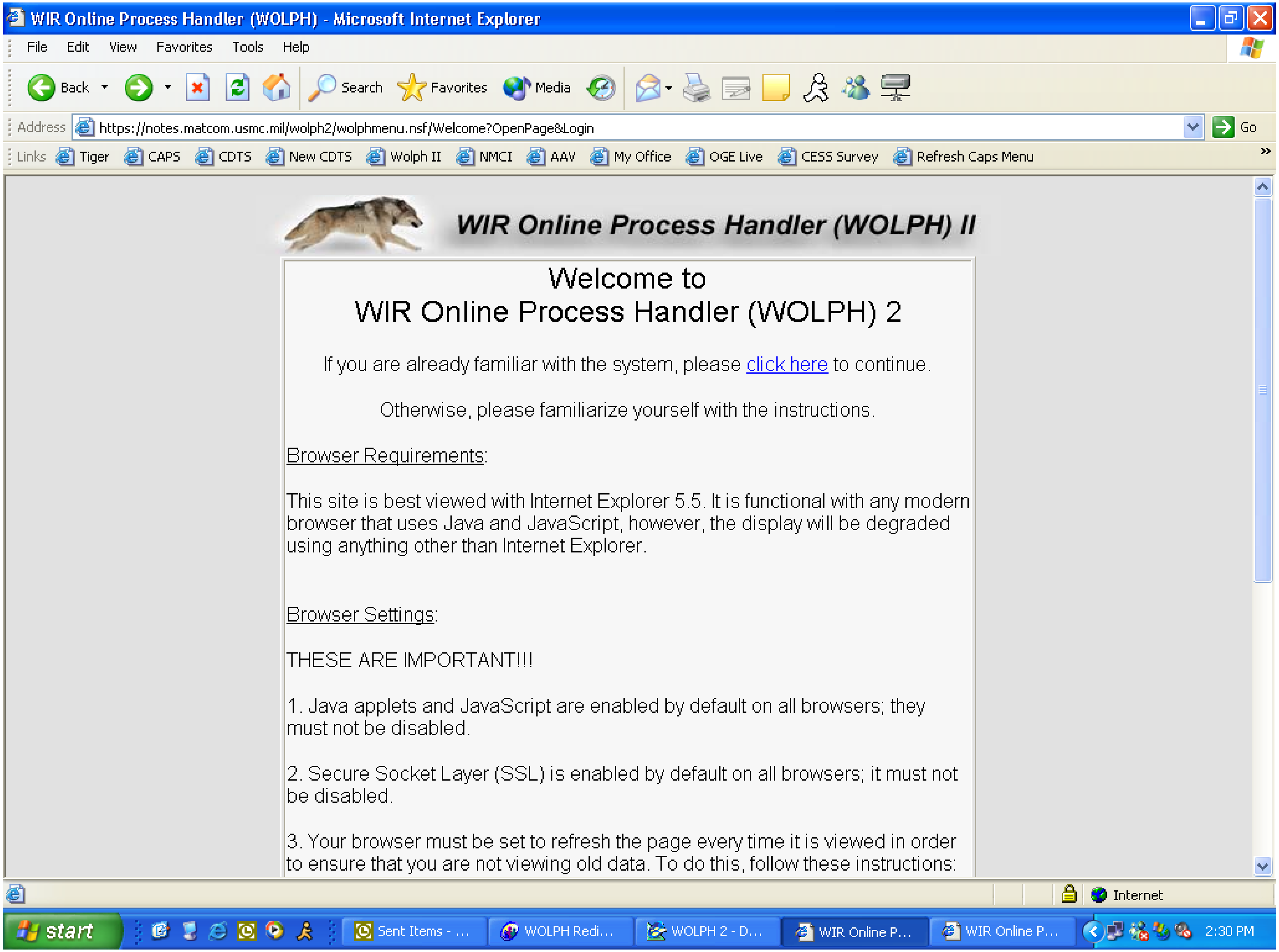
- TIER 3 – MSC

MSC Managers
MSC Users

MSC AND MEF USERS

Primary Responsibilities

- Submit WIRs
- Submit Shortage Requests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WIR Online Process Handler (WOLPH) II

Welcome to
WIR Online Process Handler (WOLPH) 2

If you are already familiar with the system, please click here to continue.

Otherwise, please familiarize yourself with the instructions.

Browser Requirements:

This site is best viewed with Internet Explorer 5.5. It is functional with any modern browser that uses Java and JavaScript, however, the display will be degraded using anything other than Internet Explorer.

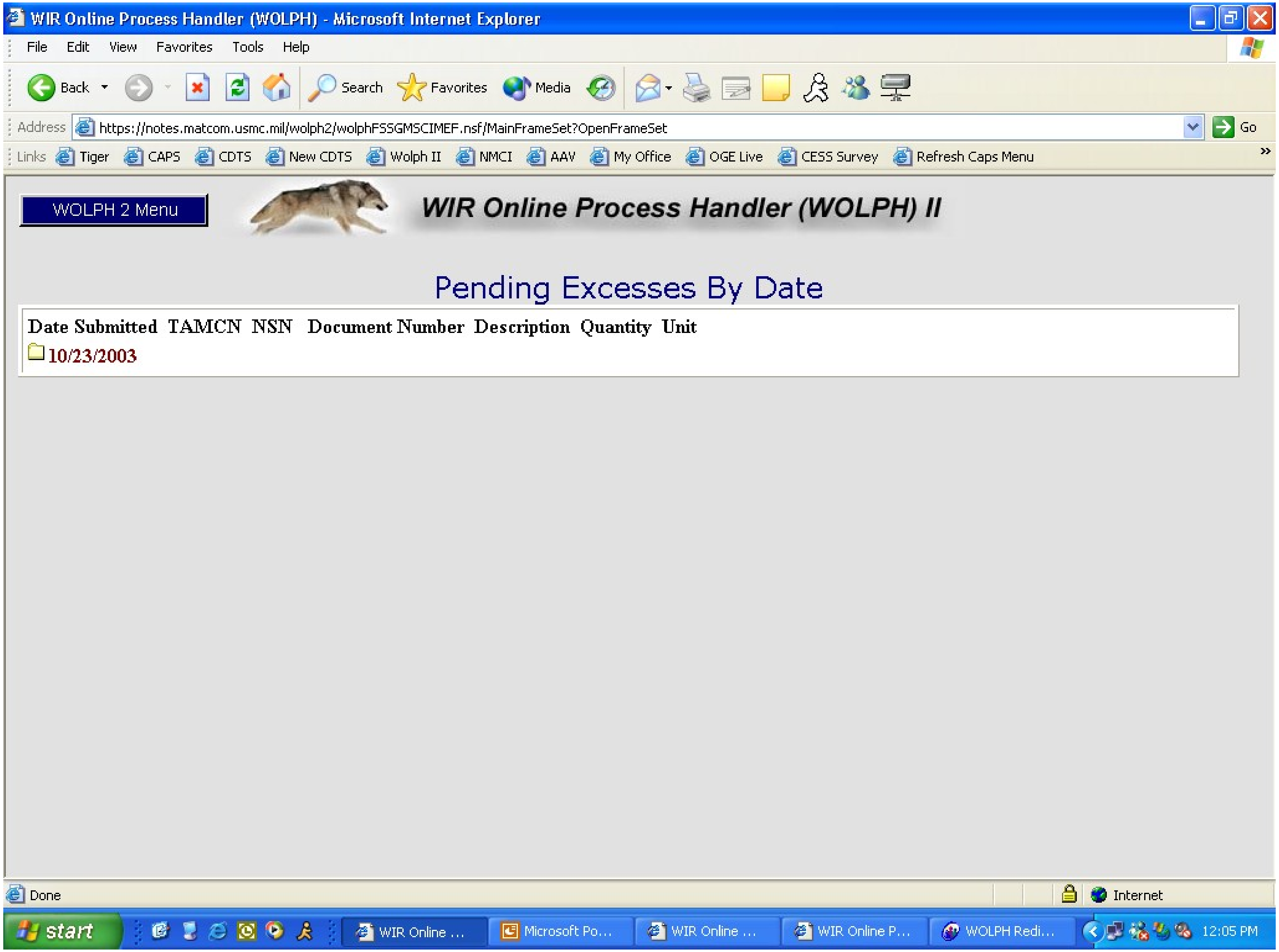
Browser Settings:

THESE ARE IMPORTANT!!!

1. Java applets and JavaScript are enabled by default on all browsers; they must not be disabled.

2. Secure Socket Layer (SSL) is enabled by default on all browsers; it must not be disabled.

3. Your browser must be set to refresh the page every time it is viewed in order to ensure that you are not viewing old data. To do this, follow these instructions: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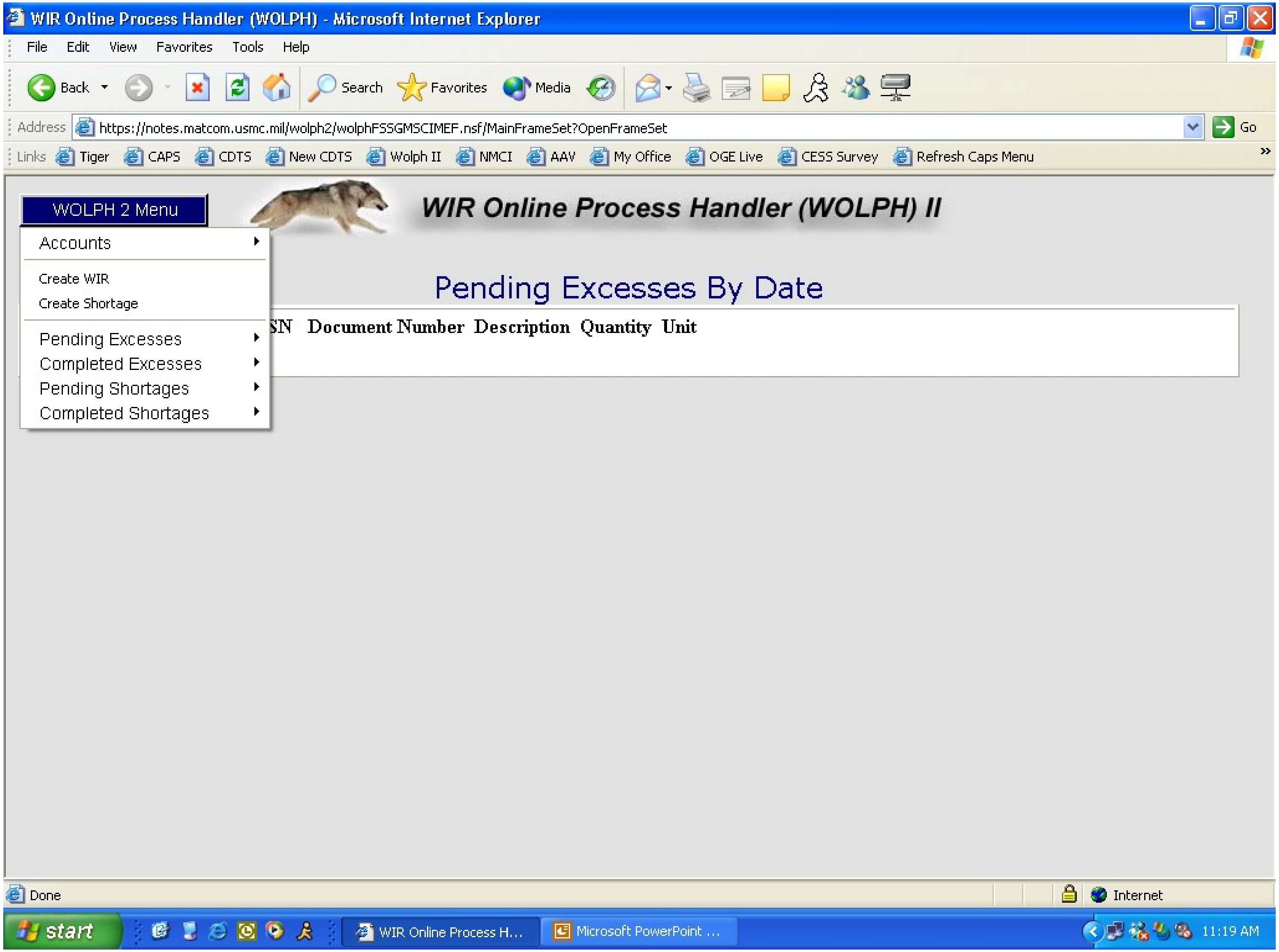
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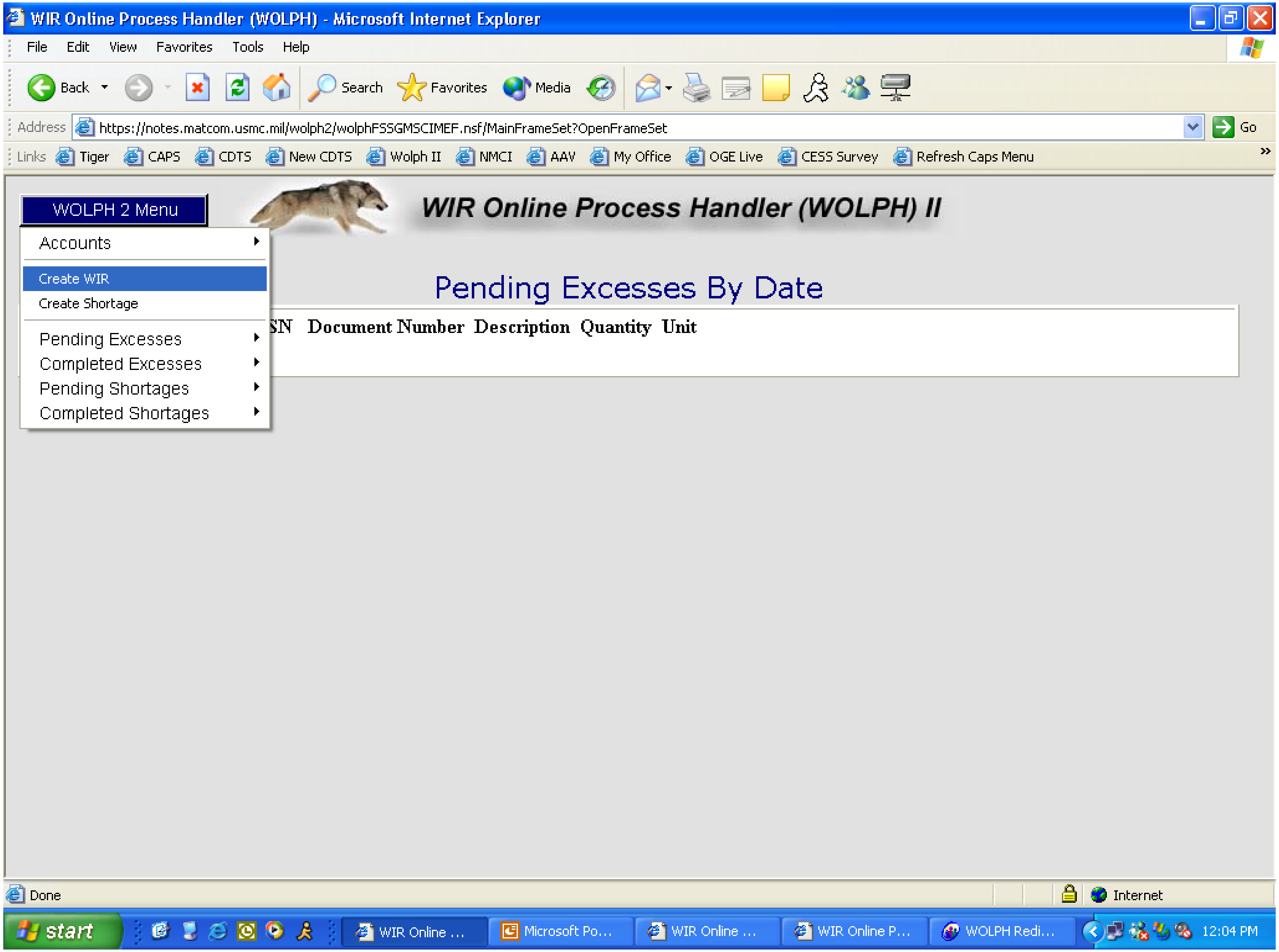
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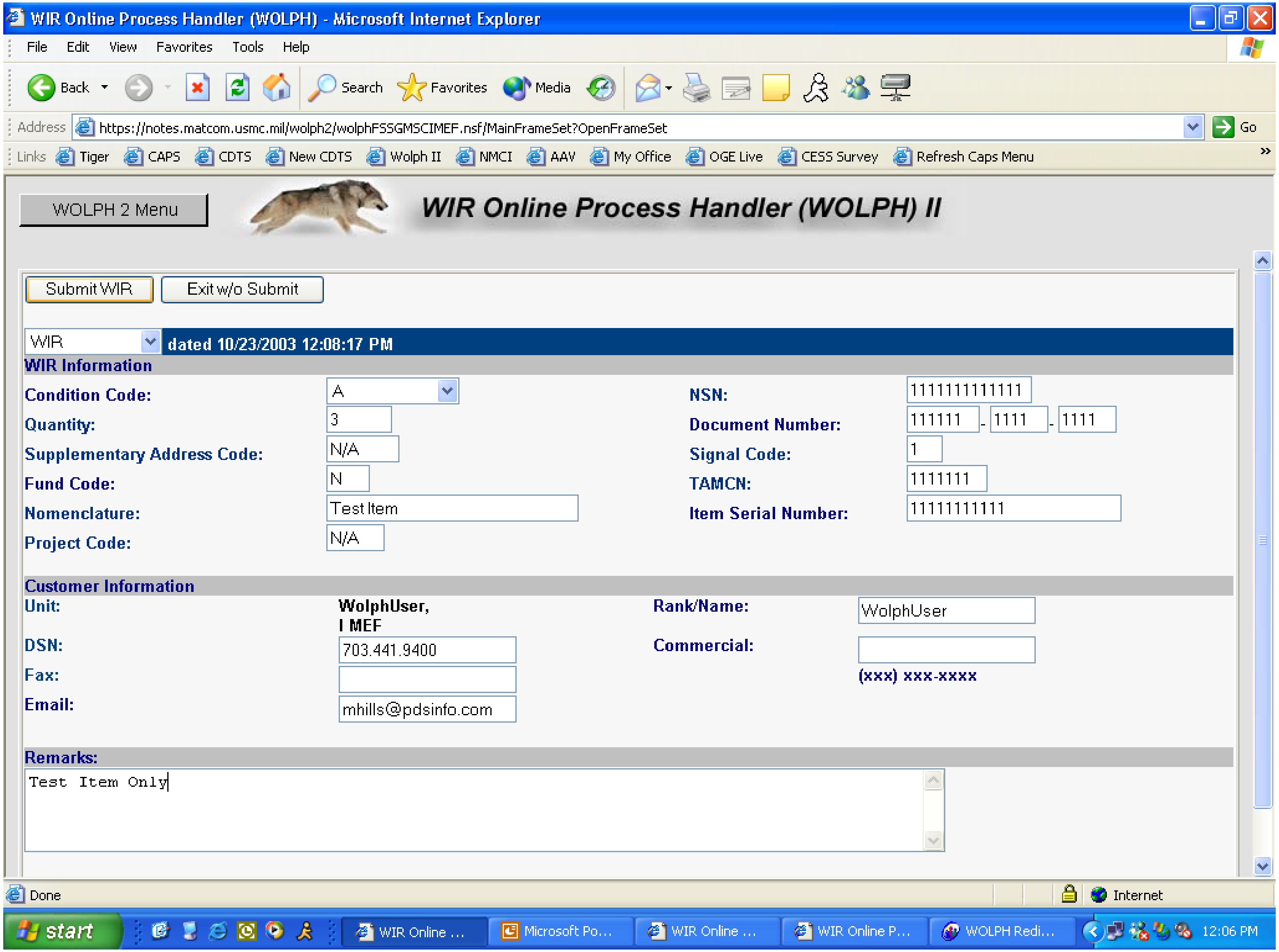
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Nomenclature: Test Item

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Customer Information

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I MEF

DSN: 703.441.9400

Fax:

Email: mhills@pdsinfo.com

Rank/Name: WolphUser

Commercial:
(xxx) xxx-xxxx

Remarks:

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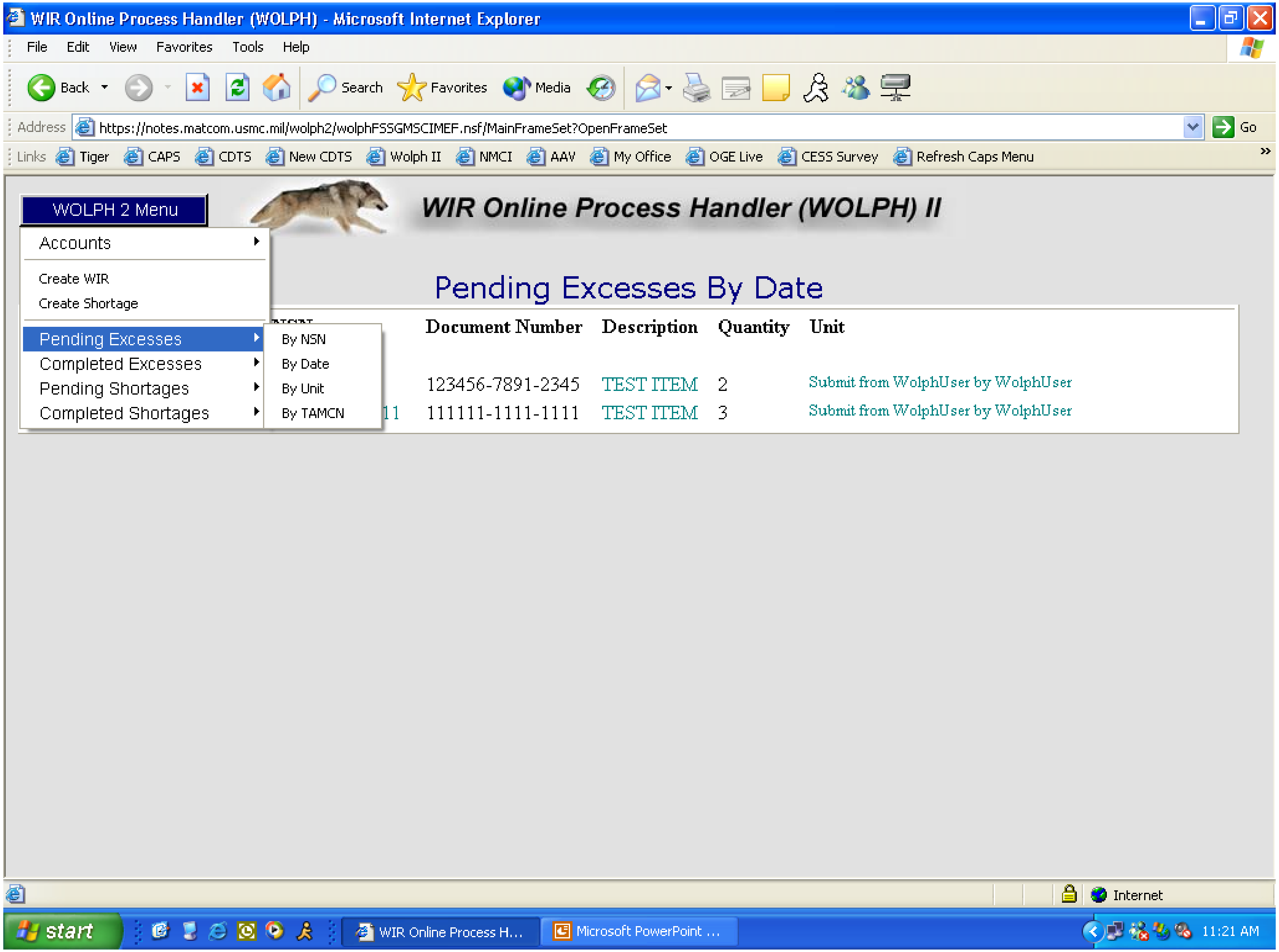
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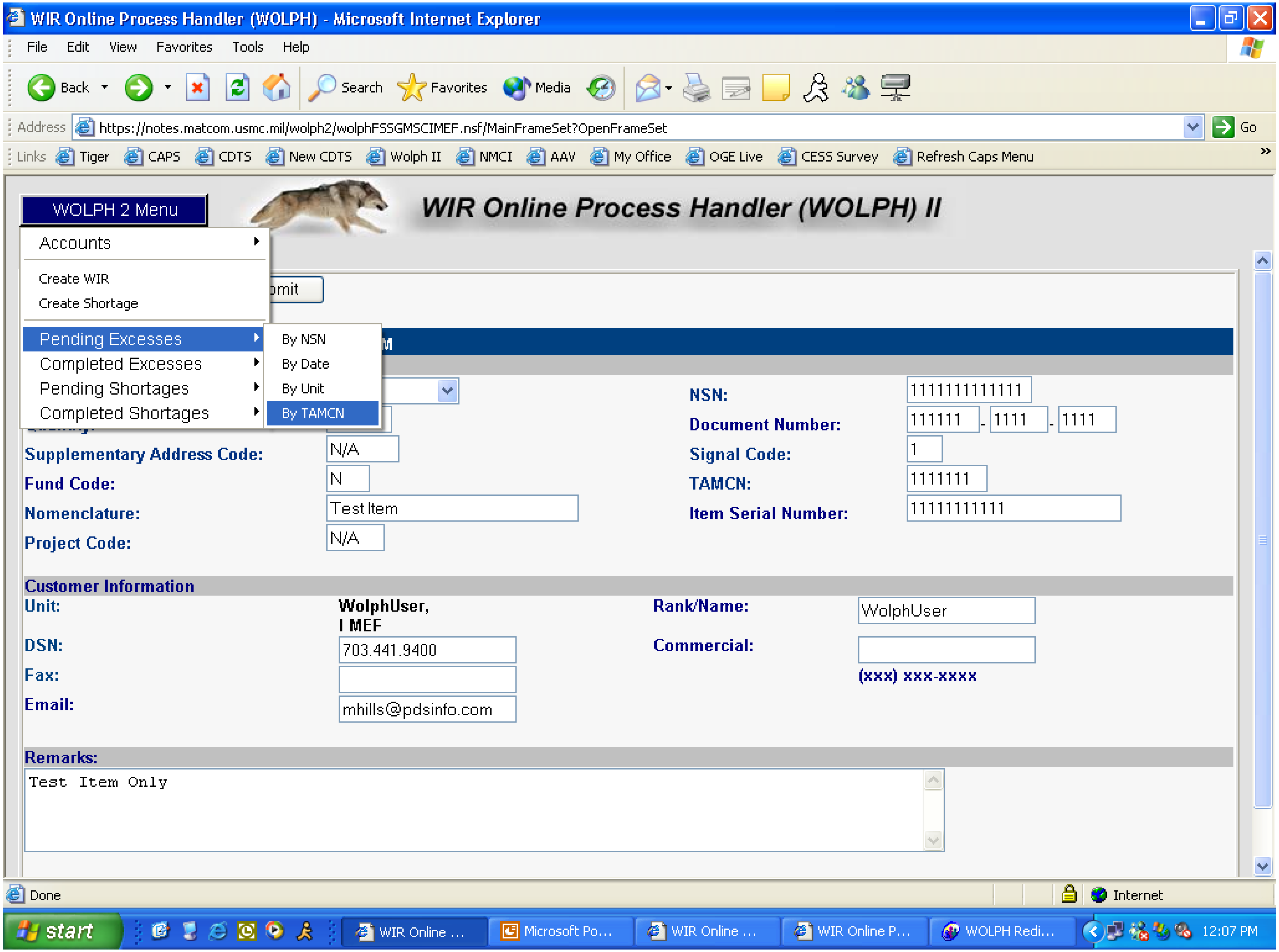
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Rank/Name: WolphUser

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Commercial:
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Fax:

Email: mhills@pdsinfo.com

Remarks:

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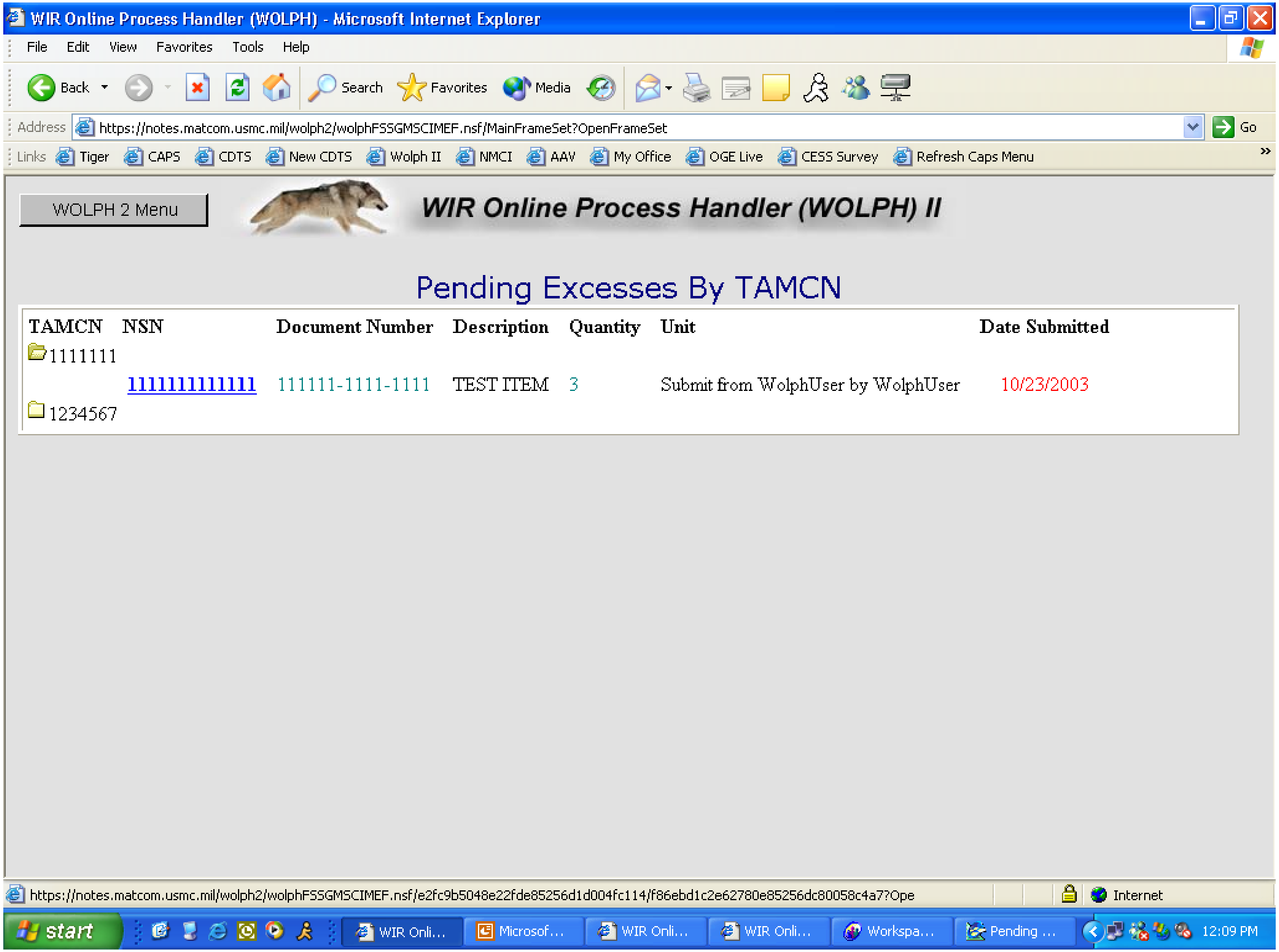
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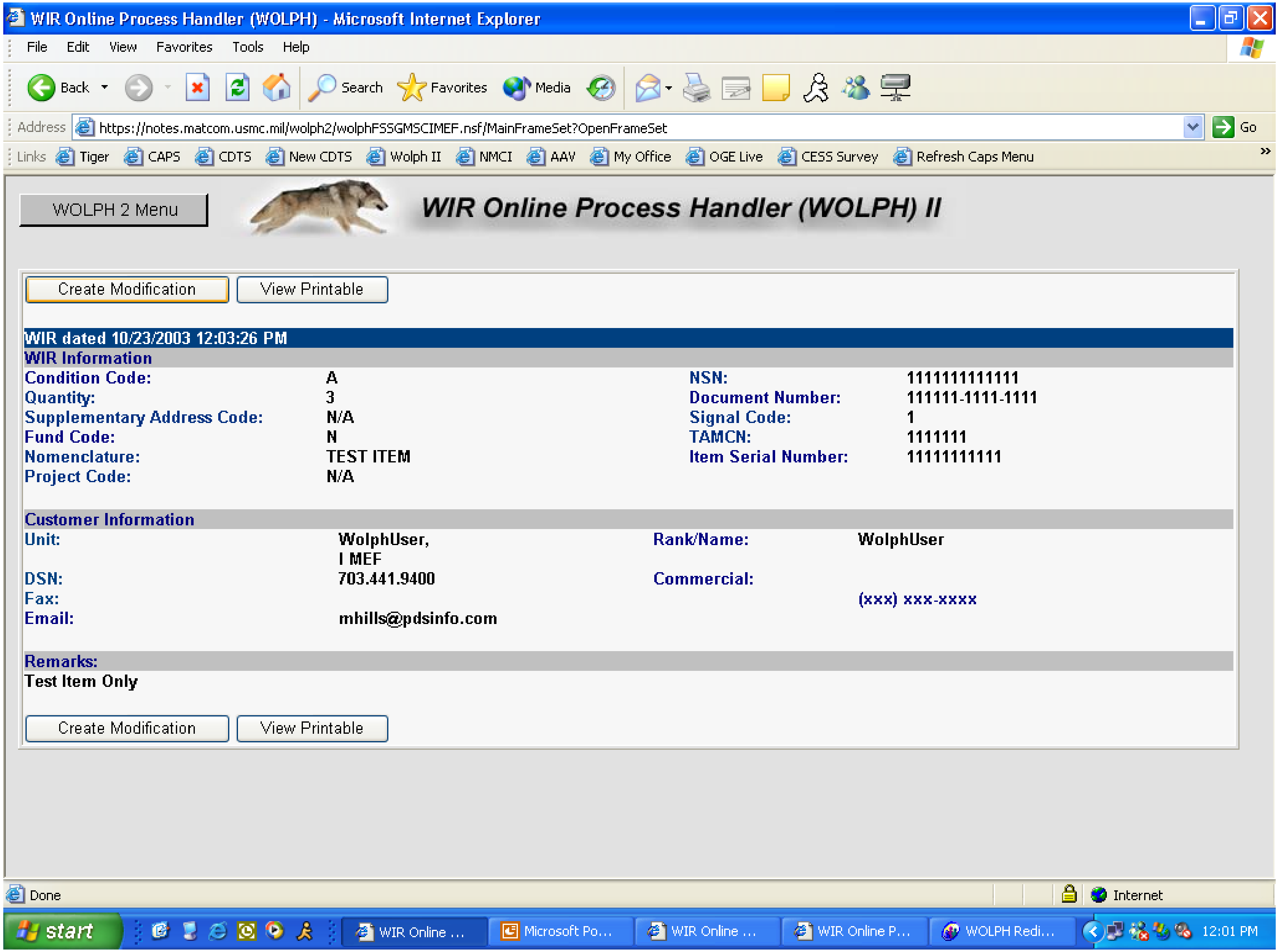
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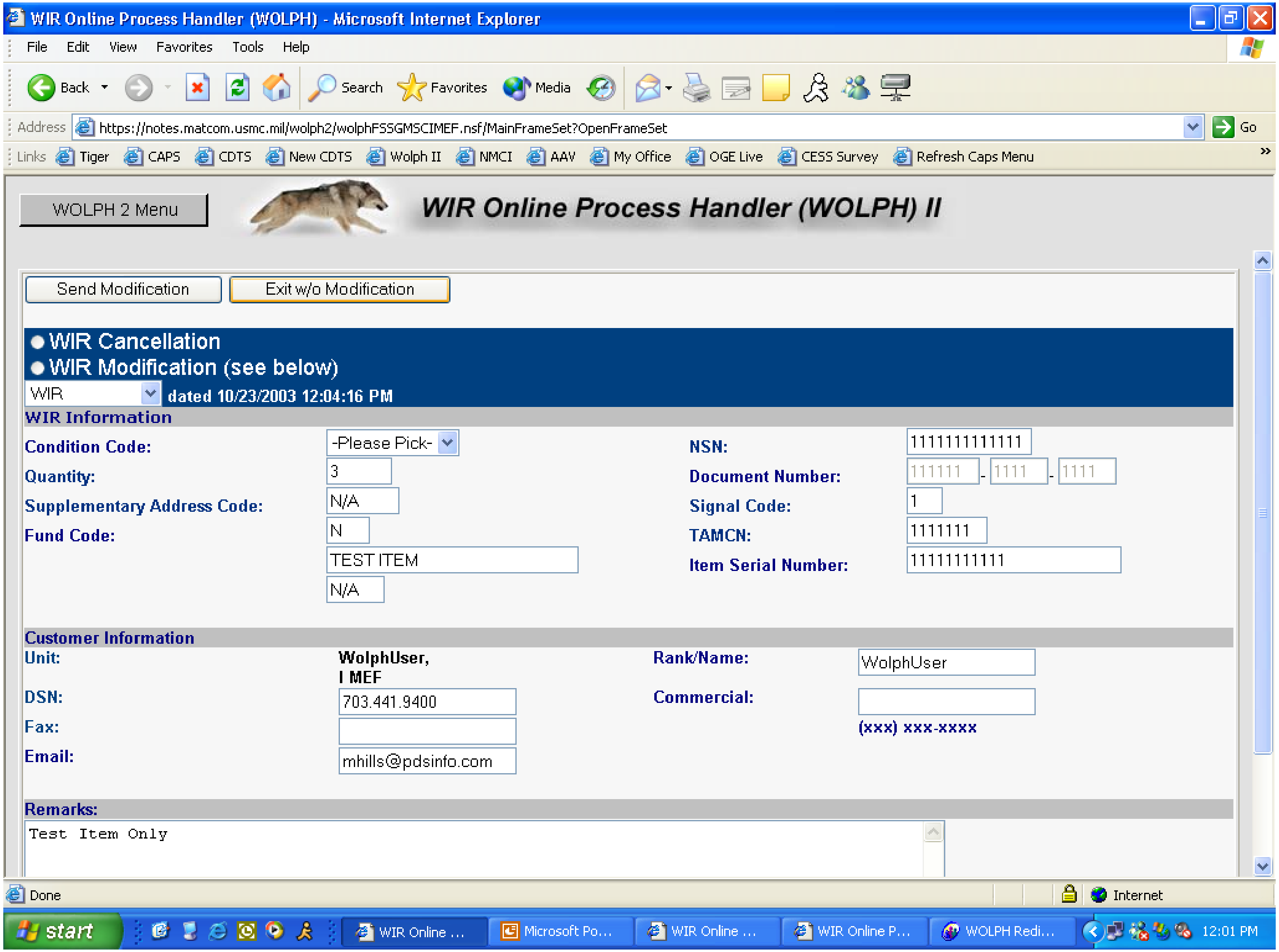
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○ WIR Cancellation

○ WIR Modification (see below)

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Remarks:

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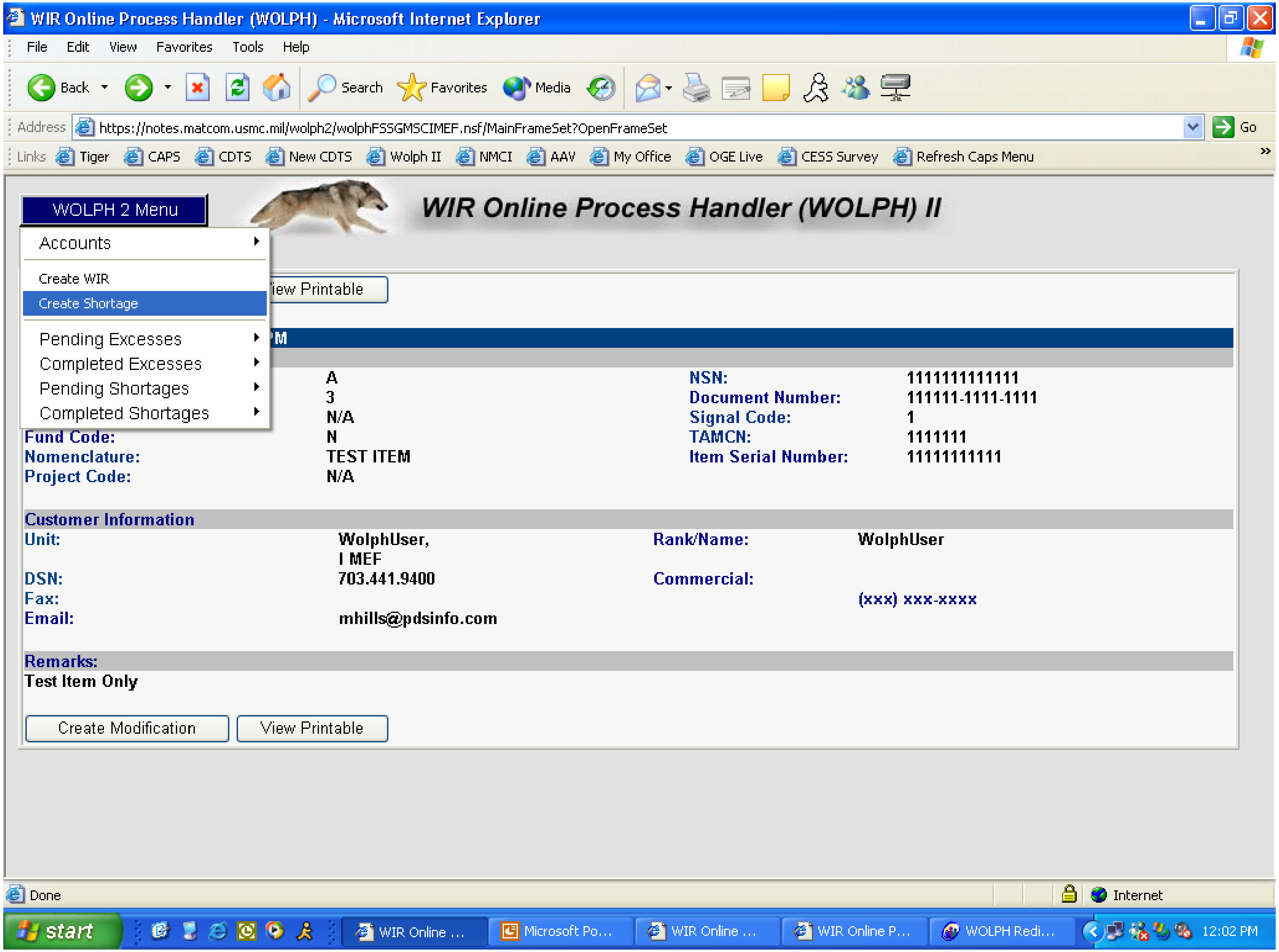
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WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
12:02 PM

WIR Online Process Handler (WOLPH) II

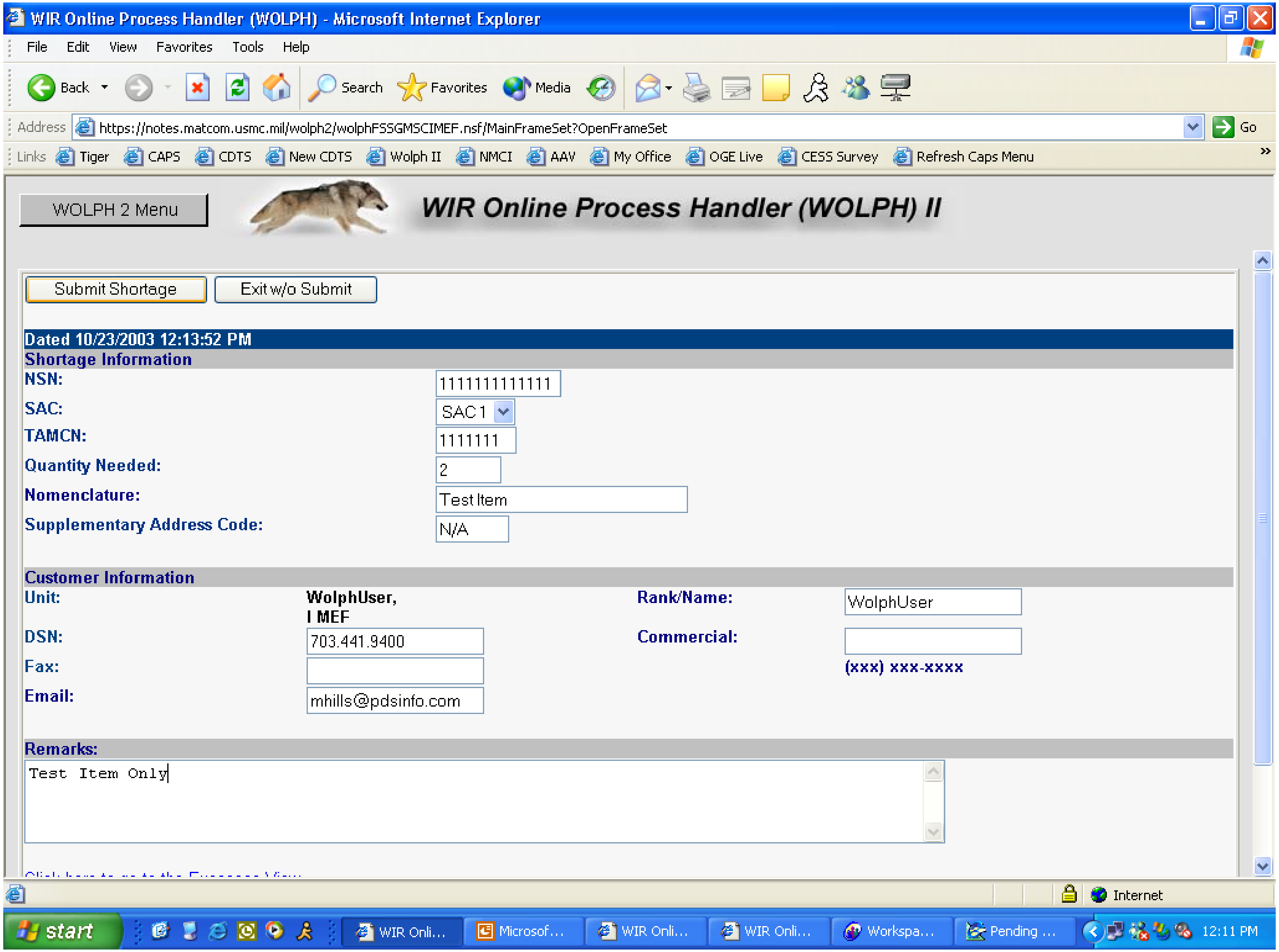
	A	**NSN:**	1111111111111
	3	**Document Number:**	111111-1111-1111
	N/A	**Signal Code:**	1
Fund Code:	N	**TAMCN:**	1111111
Nomenclature:	TEST ITEM	**Item Serial Number:**	11111111111
Project Code:	N/A		

Customer Information

Unit:	WolphUser, I MEF	**Rank/Name:**	WolphUser
DSN:	703.441.9400	**Commercial:**	
Fax:			(xxx) xxx-xxxx
Email:	mhills@pdsinfo.com		

Remarks:

Test Item Only


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II
Submit Shortage
Exit w/o Submit
Internet
start
WIR Onli...
Microsof...
WIR Onli...
WIR Onli...
Workspa...
Pending ...
12:11 PM

Dated 10/23/2003 12:13:52 PM

Shortage Information

NSN: 1111111111111

SAC: SAC 1

TAMCN: 1111111

Quantity Needed: 2

Nomenclature: Test Item

Supplementary Address Code: N/A

Customer Information

Unit: WolphUser,
I MEF

Rank/Name: WolphUser

DSN: 703.441.9400

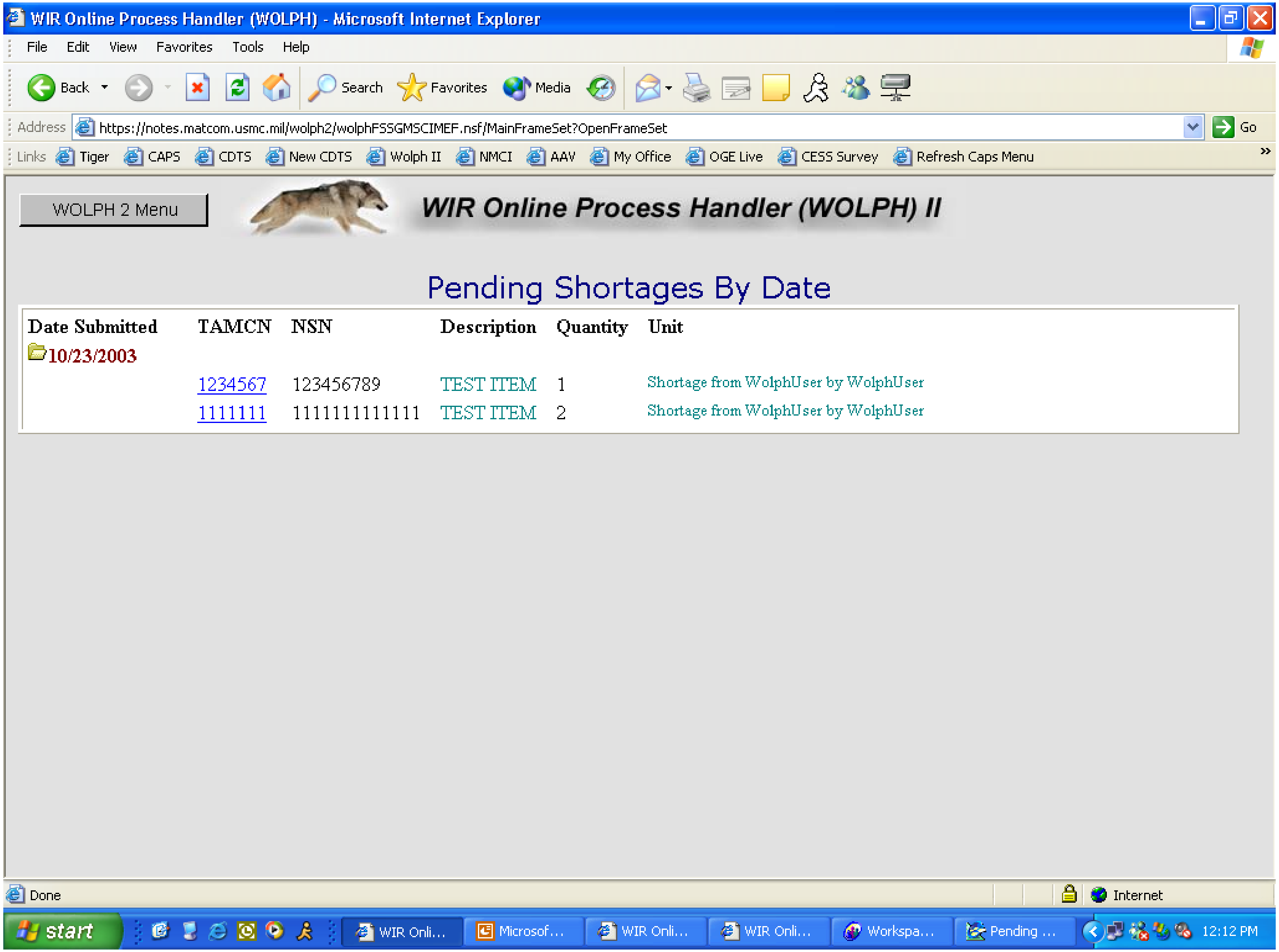
Commercial:
(xxx) xxx-xxxx

Fax:

Email: mhills@pdsinfo.com

Remarks:

Test Item Only

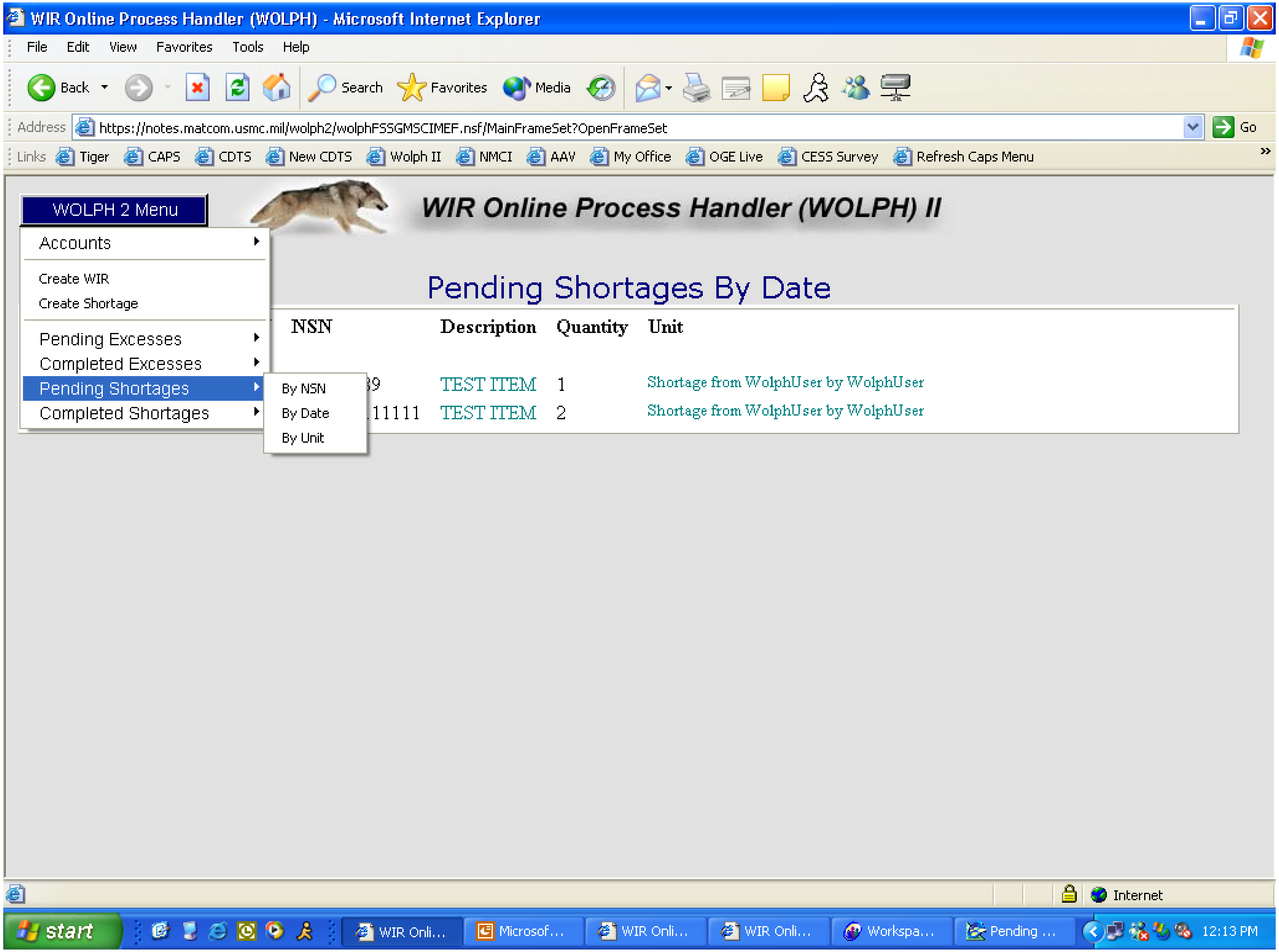

WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
Done
Internet
start
WIR Onli...
Microsof...
WIR Onli...
WIR Onli...
Workspa...
Pending ...
12:12 PM

Address: https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet

WIR Online Process Handler (WOLPH) II

Pending Shortages By Date

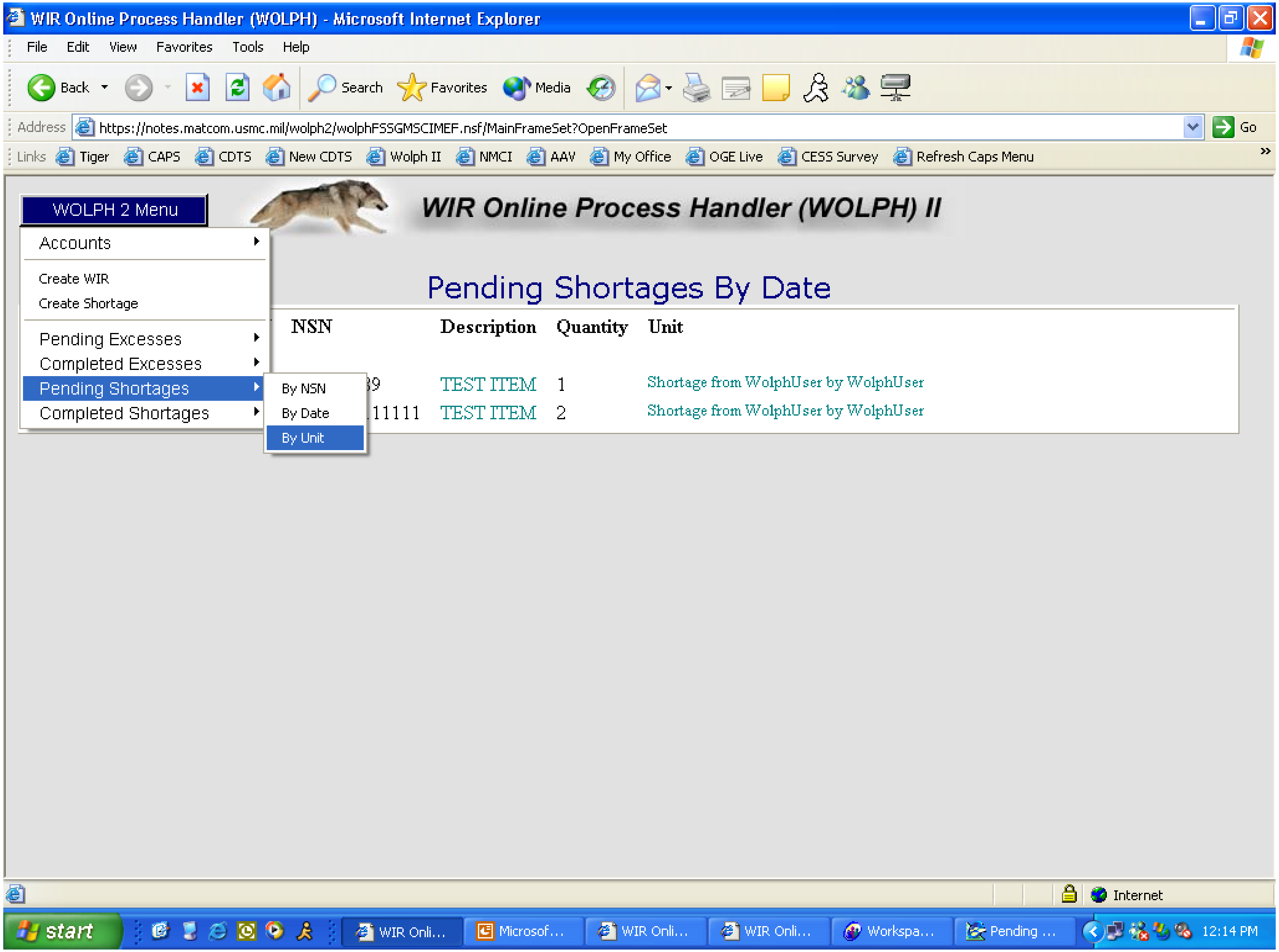
Date Submitted	TAMCN	NSN	Description	Quantity	Unit
10/23/2003					
	1234567	123456789	TEST ITEM	1	Shortage from WolphUser by WolphUser
	1111111	1111111111111	TEST ITEM	2	Shortage from WolphUser by WolphUser


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links Tiger CAPS CDTS New CDTS Wolph II NMCI AAV My Office OGE Live CESS Survey Refresh Caps Menu
WOLPH 2 Menu
Accounts
Create WIR
Create Shortage
Pending Excesses
Completed Excesses
Pending Shortages
Completed Shortages
By NSN
By Date
By Unit
Internet
start
WIR Onli…
Microsof…
WIR Onli…
WIR Onli…
Workspa…
Pending …
12:13 PM

WIR Online Process Handler (WOLPH) II

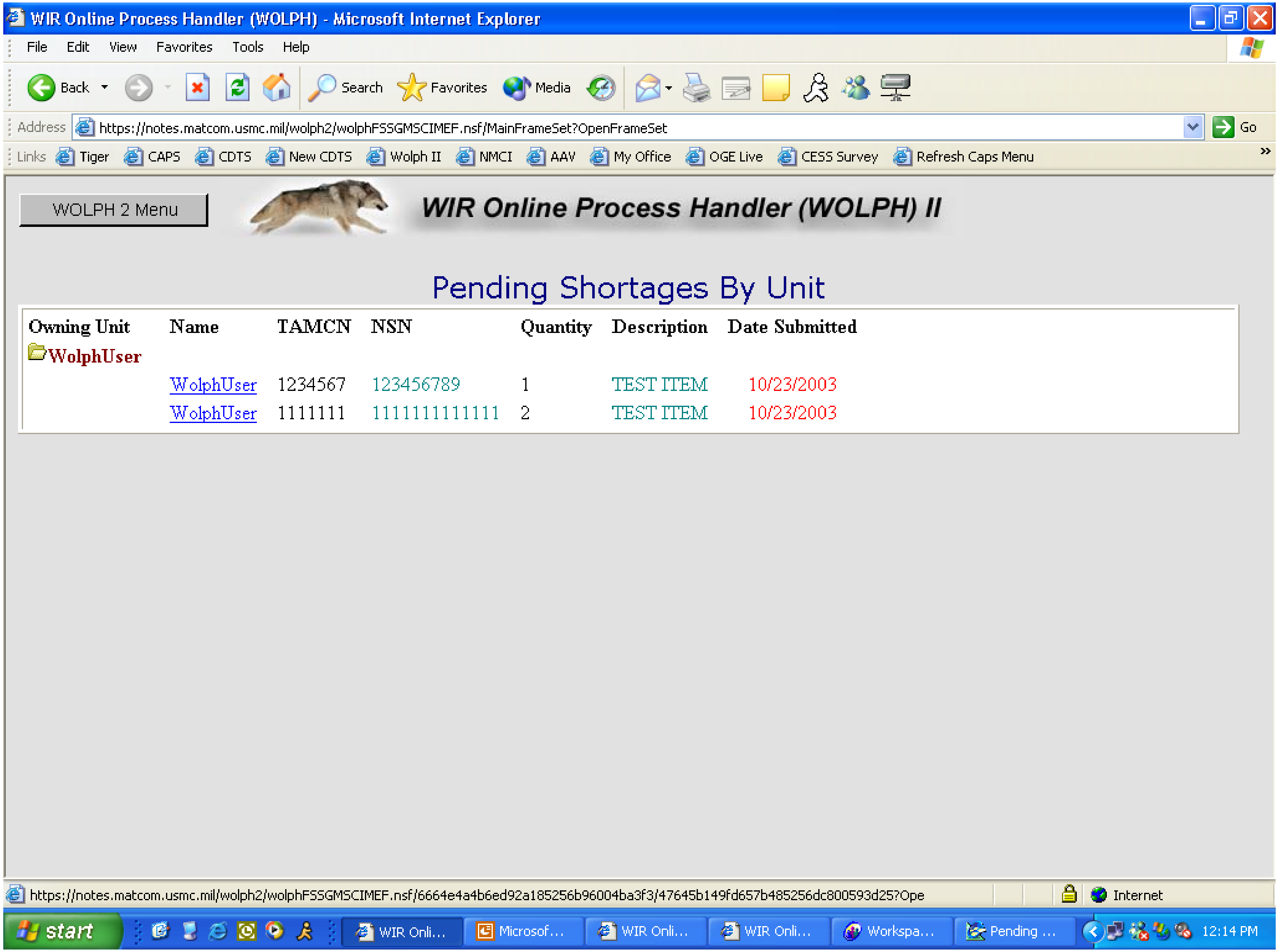
Pending Shortages By Date

NSN	Description	Quantity	Unit
39	TEST ITEM	1	Shortage from WolphUser by WolphUser
11111	TEST ITEM	2	Shortage from WolphUser by WolphUser


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WIR Online Process Handler (WOLPH) II
WOLPH 2 Menu
Accounts
Create WIR
Create Shortage
Pending Excesses
Completed Excesses
Pending Shortages
Completed Shortages
By NSN
By Date
By Unit
Internet
start
WIR Onli...
Microsof...
WIR Onli...
WIR Onli...
Workspa...
Pending ...
12:14 PM

Pending Shortages By Date

NSN	Description	Quantity	Unit
39	TEST ITEM	1	Shortage from WolphUser by WolphUser
11111	TEST ITEM	2	Shortage from WolphUser by WolphUser


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back
Search
Favorites
Media
Address
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
Internet
start
WIR Onli...
Microsof...
WIR Onli...
WIR Onli...
Workspa...
Pending ...
12:14 PM

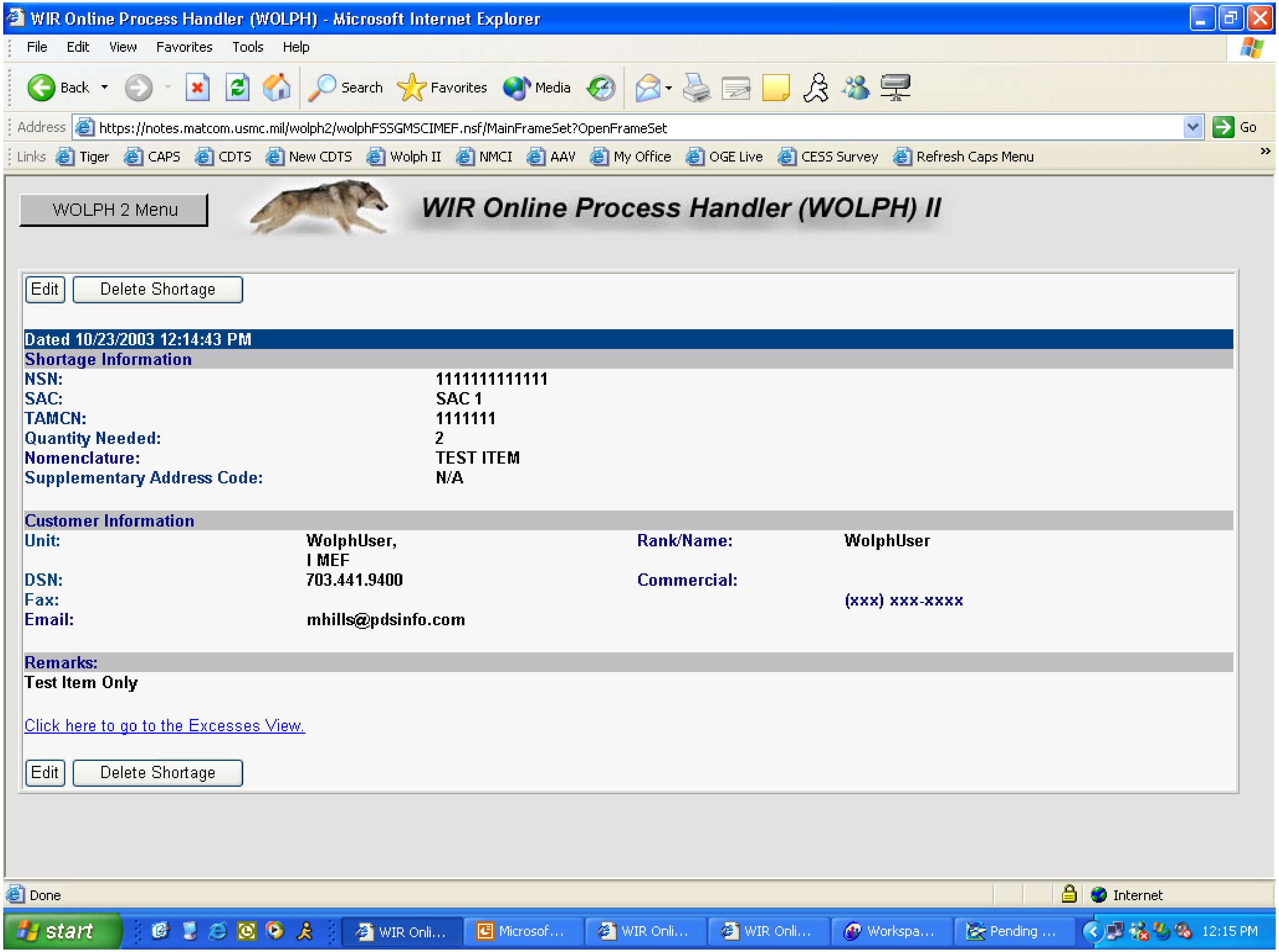
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet

WIR Online Process Handler (WOLPH) II

Pending Shortages By Unit

Owning Unit	Name	TAMCN	NSN	Quantity	Description	Date Submitted
WolphUser						
	WolphUser	1234567	123456789	1	TEST ITEM	10/23/2003
	WolphUser	1111111	1111111111111	2	TEST ITEM	10/23/2003

https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/6664e4a4b6ed92a185256b96004ba3f3/47645b149fd657b485256dc800593d25?Ope


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II
Edit
Delete Shortage
Done
Internet
start
WIR Onli...
Microsof...
WIR Onli...
WIR Onli...
Workspa...
Pending ...
12:15 PM

Dated 10/23/2003 12:14:43 PM

Shortage Information

NSN: 1111111111111
SAC: SAC 1
TAMCN: 1111111
Quantity Needed: 2
Nomenclature: TEST ITEM
Supplementary Address Code: N/A

Customer Information

Unit:	WolphUser, I MEF	**Rank/Name:**	WolphUser
DSN:	703.441.9400	**Commercial:**	
Fax:			(xxx) xxx-xxxx
Email:	mhills@pdsinfo.com		

Remarks:

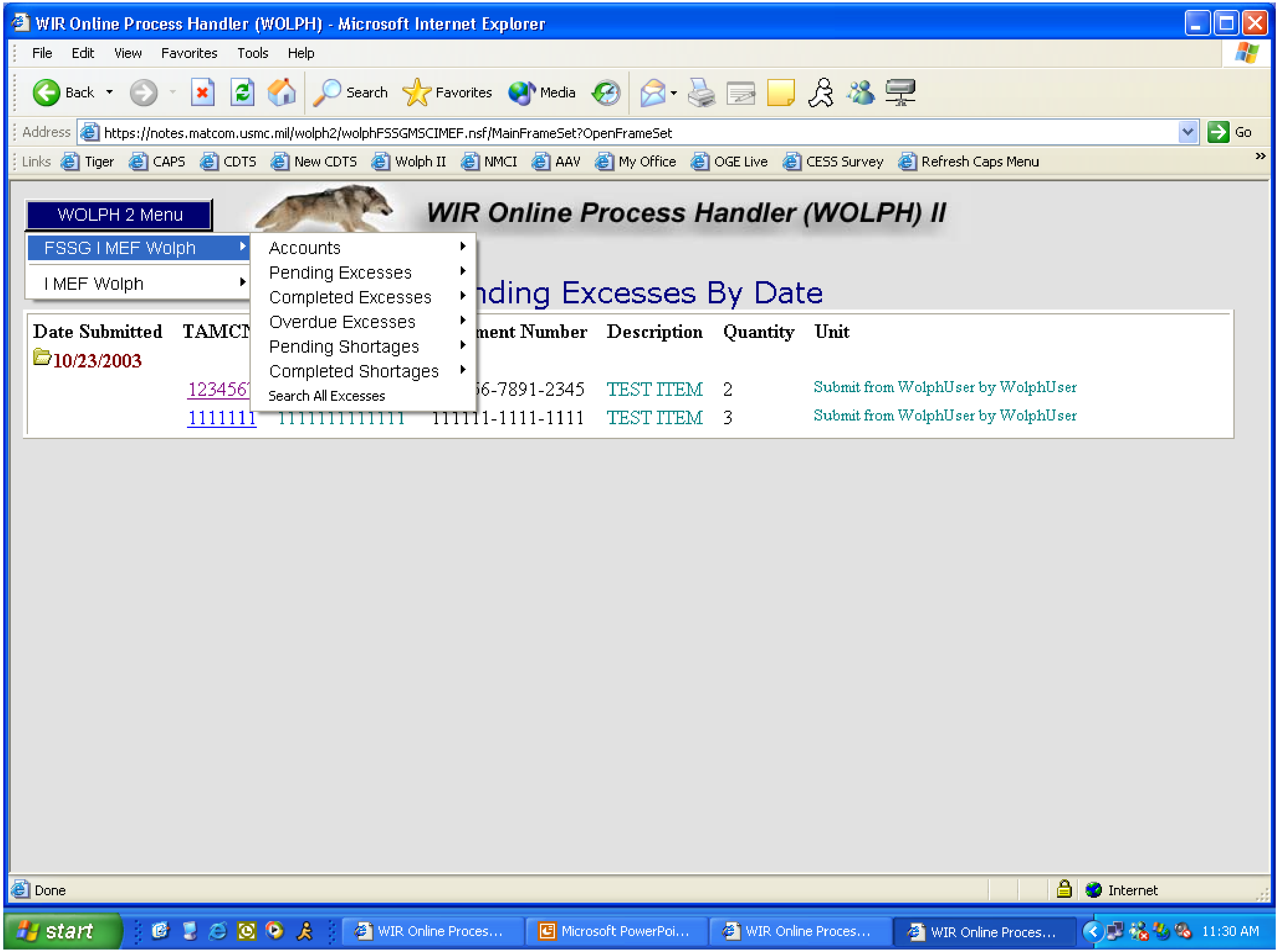
Test Item Only

Click here to go to the Excesses View.

MSC AND MEF MANAGERS

PRIMARY RESPONSIBILITIES

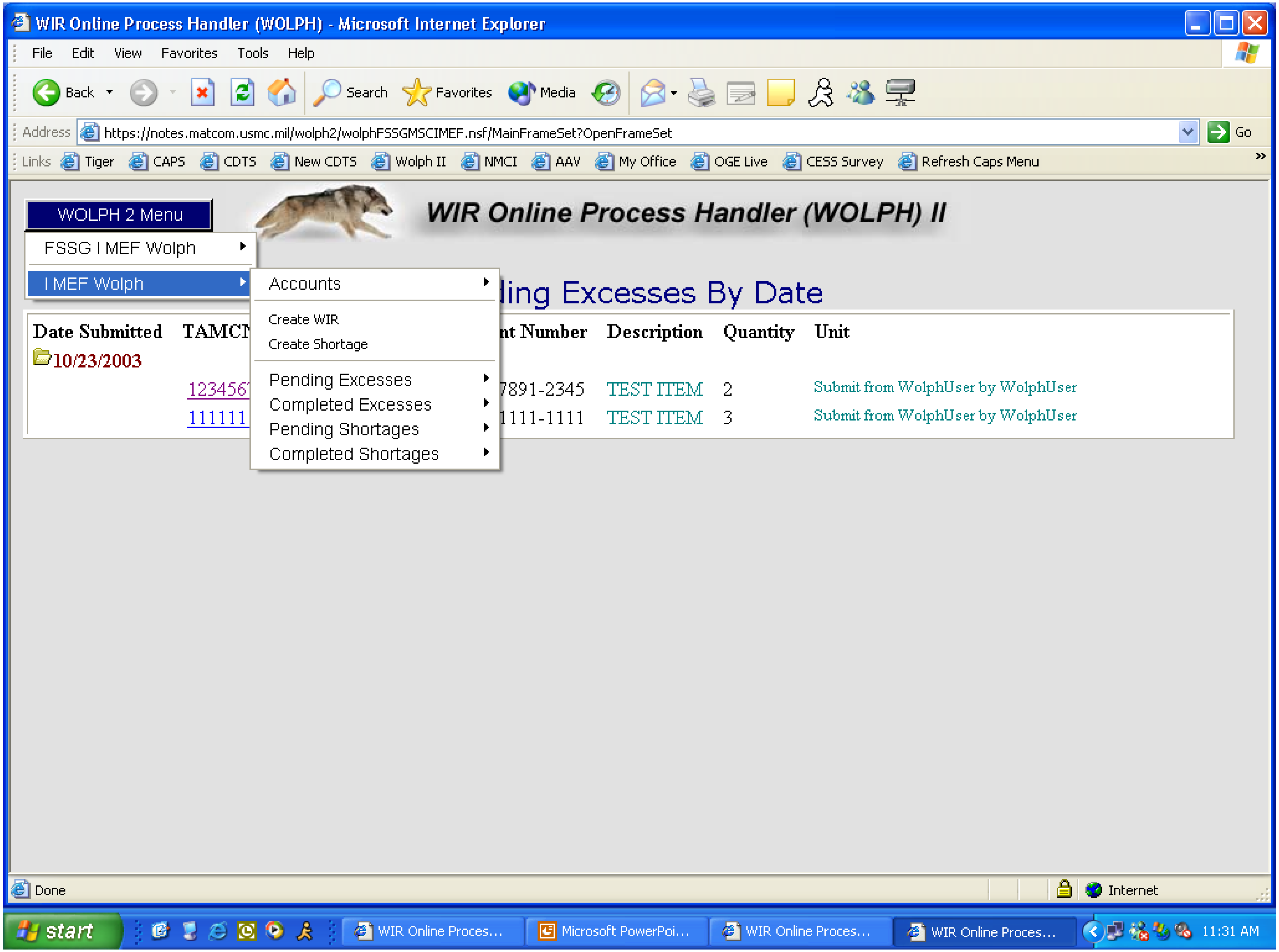
- Manage the MSC and MEF Databases
- Allocate Excesses
- Move WIRs to the MEF Databases or Main Wolph Albany


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
FSSG I MEF Wolph
I MEF Wolph
Accounts
Pending Excesses
Completed Excesses
Overdue Excesses
Pending Shortages
Completed Shortages
Search All Excesses
Done
Internet
start
WIR Online Proces...
Microsoft PowerPoi...
WIR Online Proces...
WIR Online Proces...
11:30 AM

WIR Online Process Handler (WOLPH) II

nding Excesses By Date

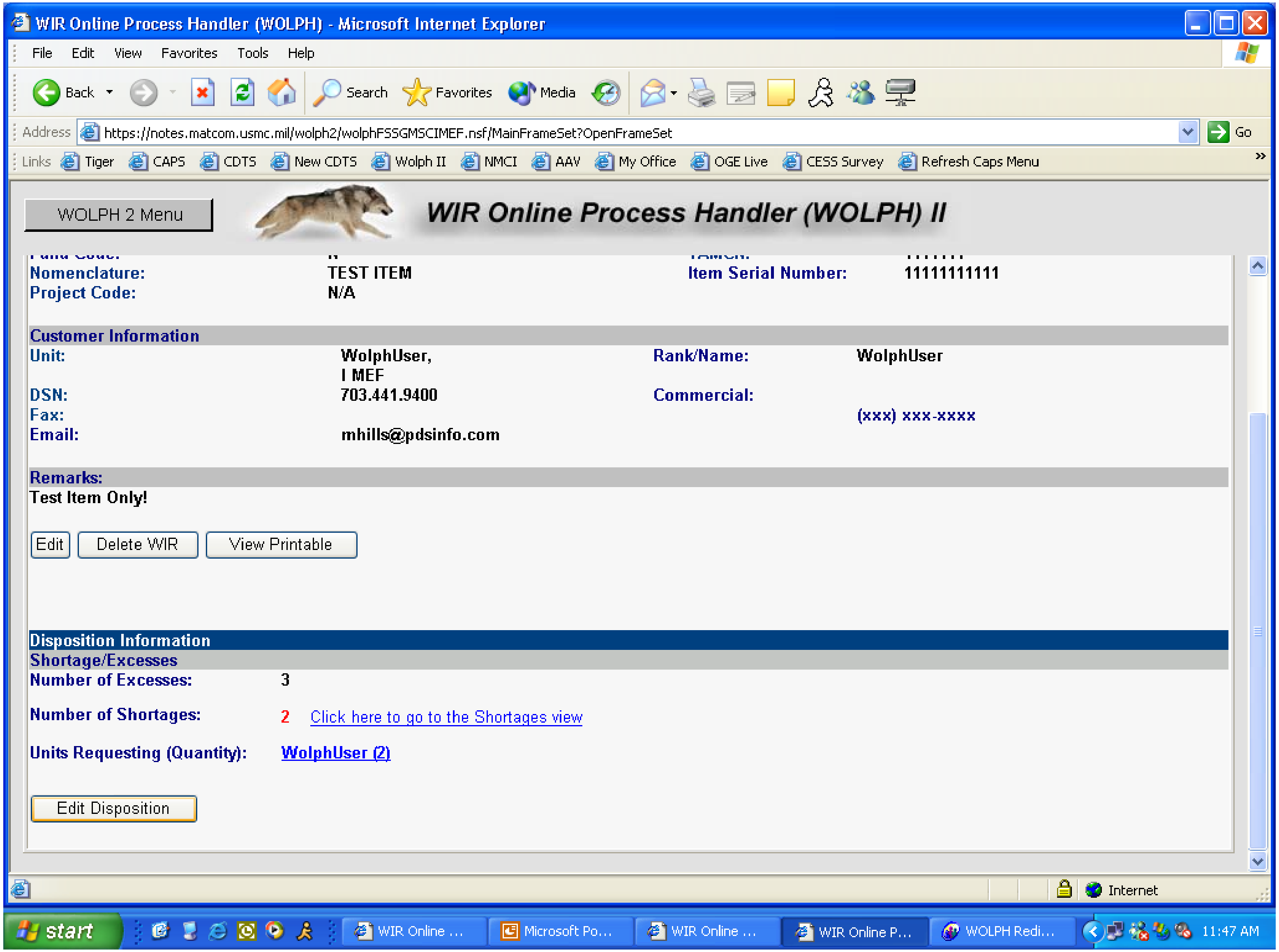
Date Submitted	TAMCN		ment Number	Description	Quantity	Unit
10/23/2003						
	123456		6-7891-2345	TEST ITEM	2	Submit from WolphUser by WolphUser
	1111111	1111111111111	111111-1111-1111	TEST ITEM	3	Submit from WolphUser by WolphUser


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
FSSG I MEF Wolph
I MEF Wolph
Accounts
Create WIR
Create Shortage
Pending Excesses
Completed Excesses
Pending Shortages
Completed Shortages
Done
Internet
start
WIR Online Proces...
Microsoft PowerPoi...
WIR Online Proces...
WIR Online Proces...
11:31 AM

WIR Online Process Handler (WOLPH) II

ling Excesses By Date

Date Submitted	TAMCN	nt Number	Description	Quantity	Unit
10/23/2003					
	123456	7891-2345	TEST ITEM	2	Submit from WolphUser by WolphUser
	111111	1111-1111	TEST ITEM	3	Submit from WolphUser by WolphUser


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links Tiger CAPS CDTS New CDTS Wolph II NMCI AAV My Office OGE Live CESS Survey Refresh Caps Menu
WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II
Edit
Delete WIR
View Printable
Edit Disposition
Internet
start
WIR Online ... Microsoft Po... WIR Online ... WIR Online P... WOLPH Redi...
11:47 AM

Nomenclature:	TEST ITEM	**Item Serial Number:**	11111111111
Project Code:	N/A		

Customer Information

Unit:	WolphUser, I MEF	**Rank/Name:**	WolphUser
DSN:	703.441.9400	**Commercial:**	
Fax:			(xxx) xxx-xxxx
Email:	mhills@pdsinfo.com		

Remarks:

Test Item Only!

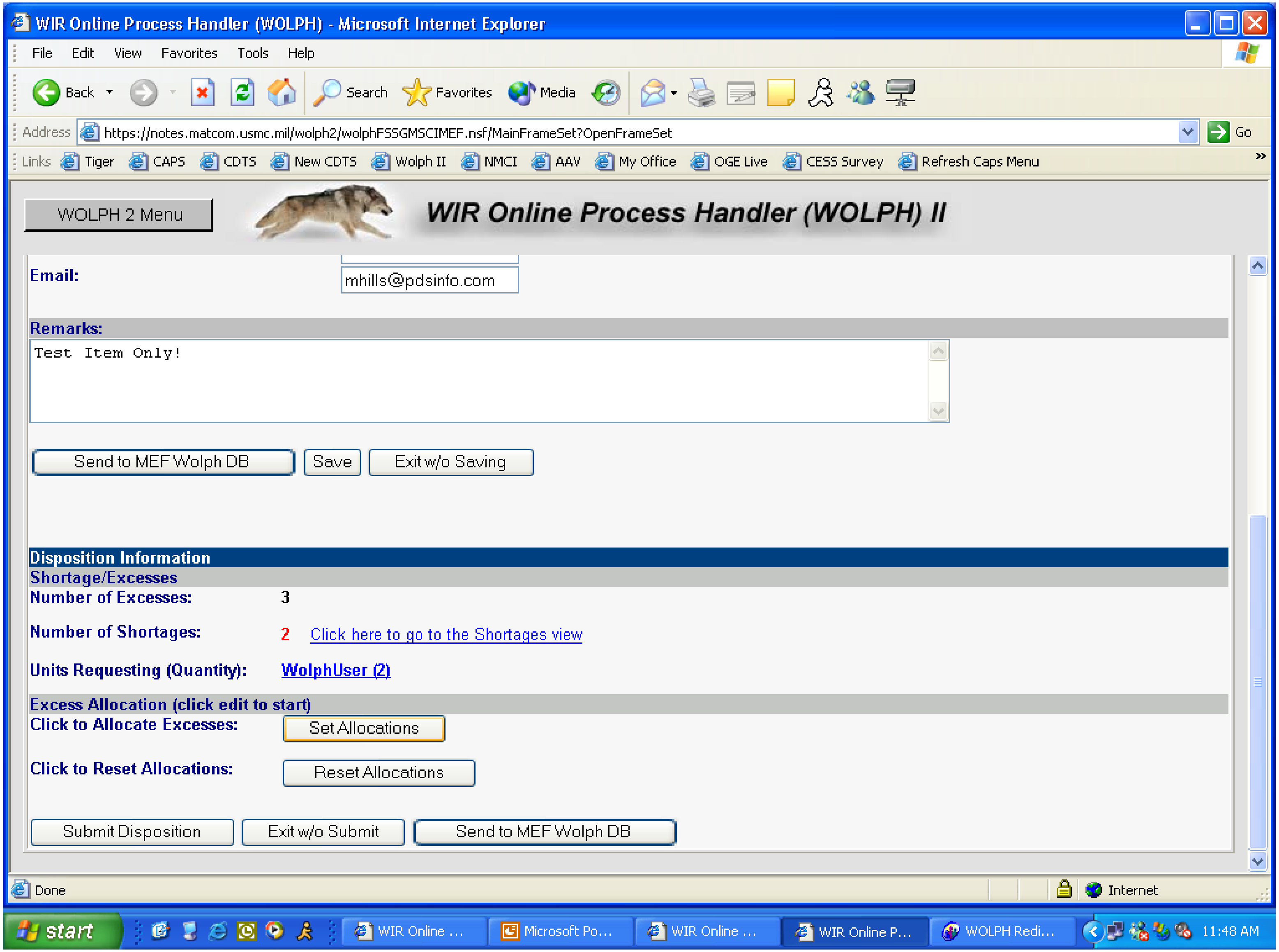
Disposition Information

Shortage/Excesses

Number of Excesses: 3

Number of Shortages: 2 Click here to go to the Shortages view

Units Requesting (Quantity): WolphUser (2)


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II

Email: mhills@pdsinfo.com

Remarks:

Test Item Only!

Send to MEF Wolph DB
Save
Exit w/o Saving

Disposition Information

Shortage/Excesses

Number of Excesses: 3

Number of Shortages: 2 Click here to go to the Shortages view

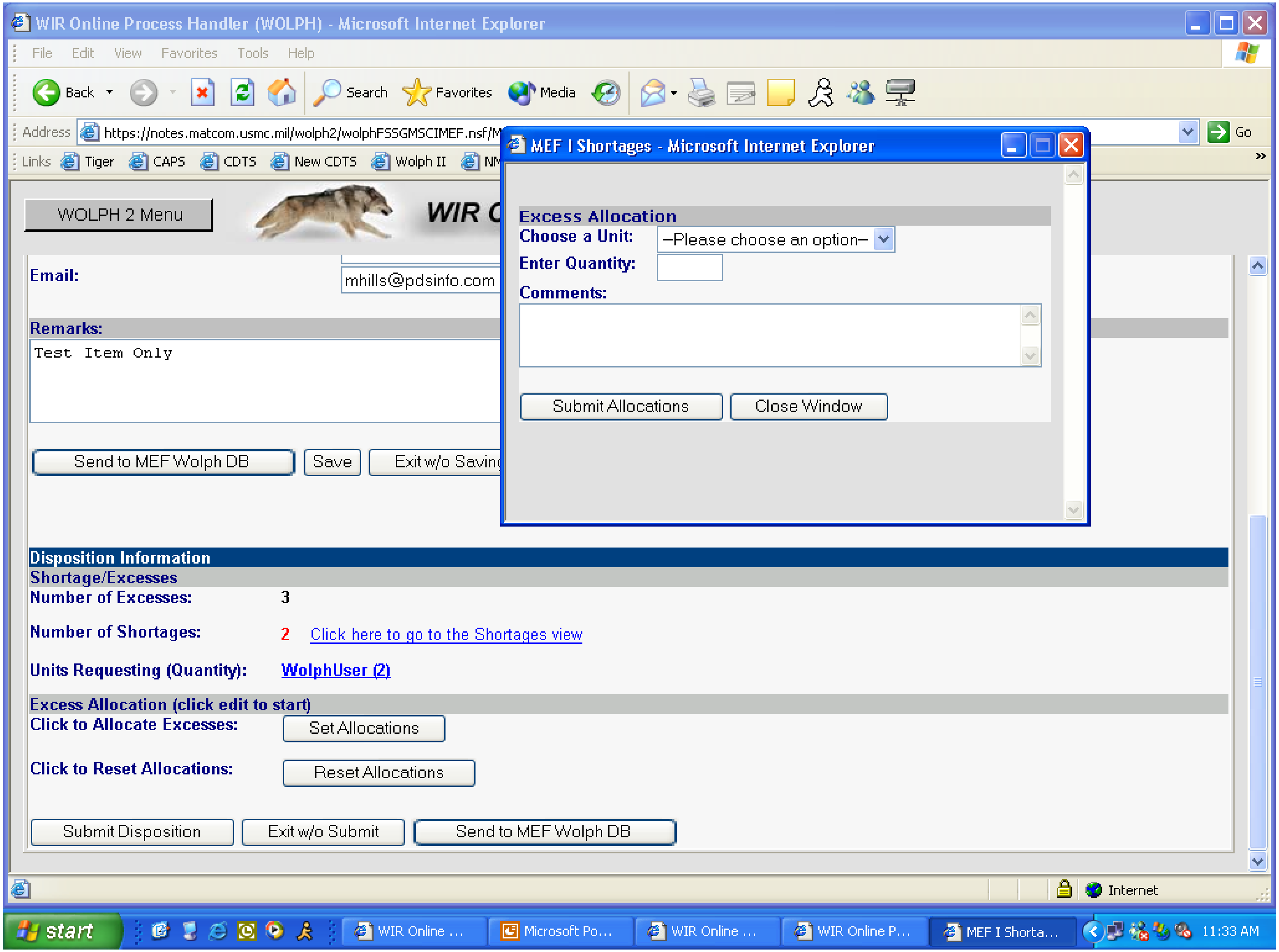
Units Requesting (Quantity): WolphUser (2)

Excess Allocation (click edit to start)

Click to Allocate Excesses: Set Allocations

Click to Reset Allocations: Reset Allocations

Submit Disposition
Exit w/o Submit
Send to MEF Wolph DB
Done
Internet
start
WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:48 AM


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/M
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
WOLPH 2 Menu
WIR O
MEF I Shortages - Microsoft Internet Explorer
Submit Allocations
Close Window
Send to MEF Wolph DB
Save
Exit w/o Saving
Set Allocations
Reset Allocations
Submit Disposition
Exit w/o Submit
Send to MEF Wolph DB
Internet
start
WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
MEF I Shorta...
11:33 AM

Email: mhills@pdsinfo.com

Remarks:

Test Item Only

Excess Allocation

Choose a Unit: --Please choose an option--

Enter Quantity:

Comments:

Disposition Information

Shortage/Excesses

Number of Excesses: 3

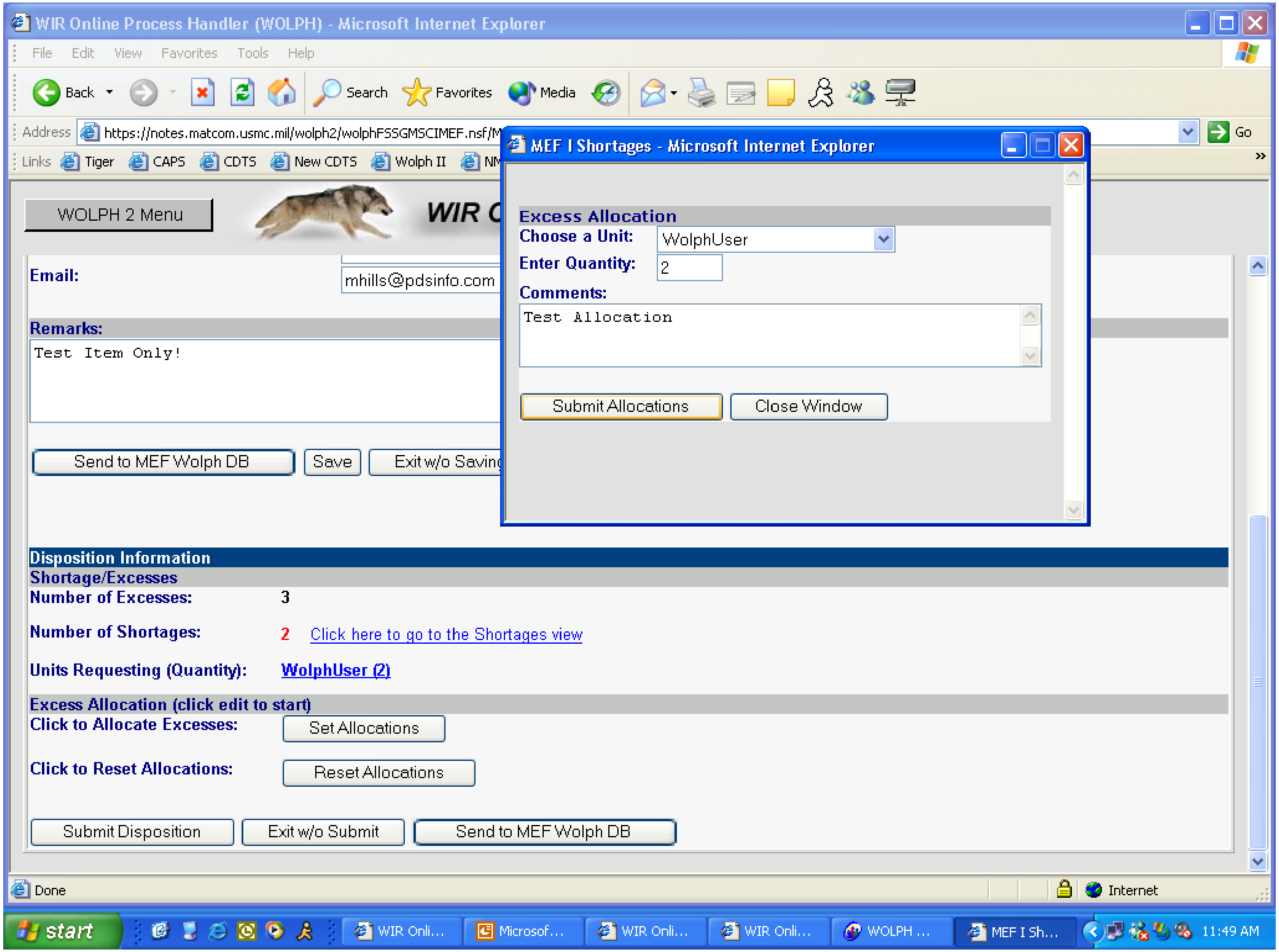
Number of Shortages: 2 Click here to go to the Shortages view

Units Requesting (Quantity): WolphUser (2)

Excess Allocation (click edit to start)

Click to Allocate Excesses:

Click to Reset Allocations:



File
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View
Favorites
Tools
Help
Back
Search
Favorites
Media
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
Go
WOLPH 2 Menu
WIR C
Send to MEF Wolph DB
Save
Exit w/o Saving
Submit Allocations
Close Window
Set Allocations
Reset Allocations
Submit Disposition
Exit w/o Submit
Send to MEF Wolph DB
Done
Internet
start
WIR Onli...
Microsof...
WIR Onli...
WIR Onli...
WOLPH ...
MEF I Sh...
11:49 AM

WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer

Address https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/M

Email: mhills@pdsinfo.com

Remarks:

Test Item Only!

Disposition Information

Shortage/Excesses

Number of Excesses: 3

Number of Shortages: 2 Click here to go to the Shortages view

Units Requesting (Quantity): WolphUser (2)

Excess Allocation (click edit to start)

Click to Allocate Excesses:

Click to Reset Allocations:

MEF I Shortages - Microsoft Internet Explorer

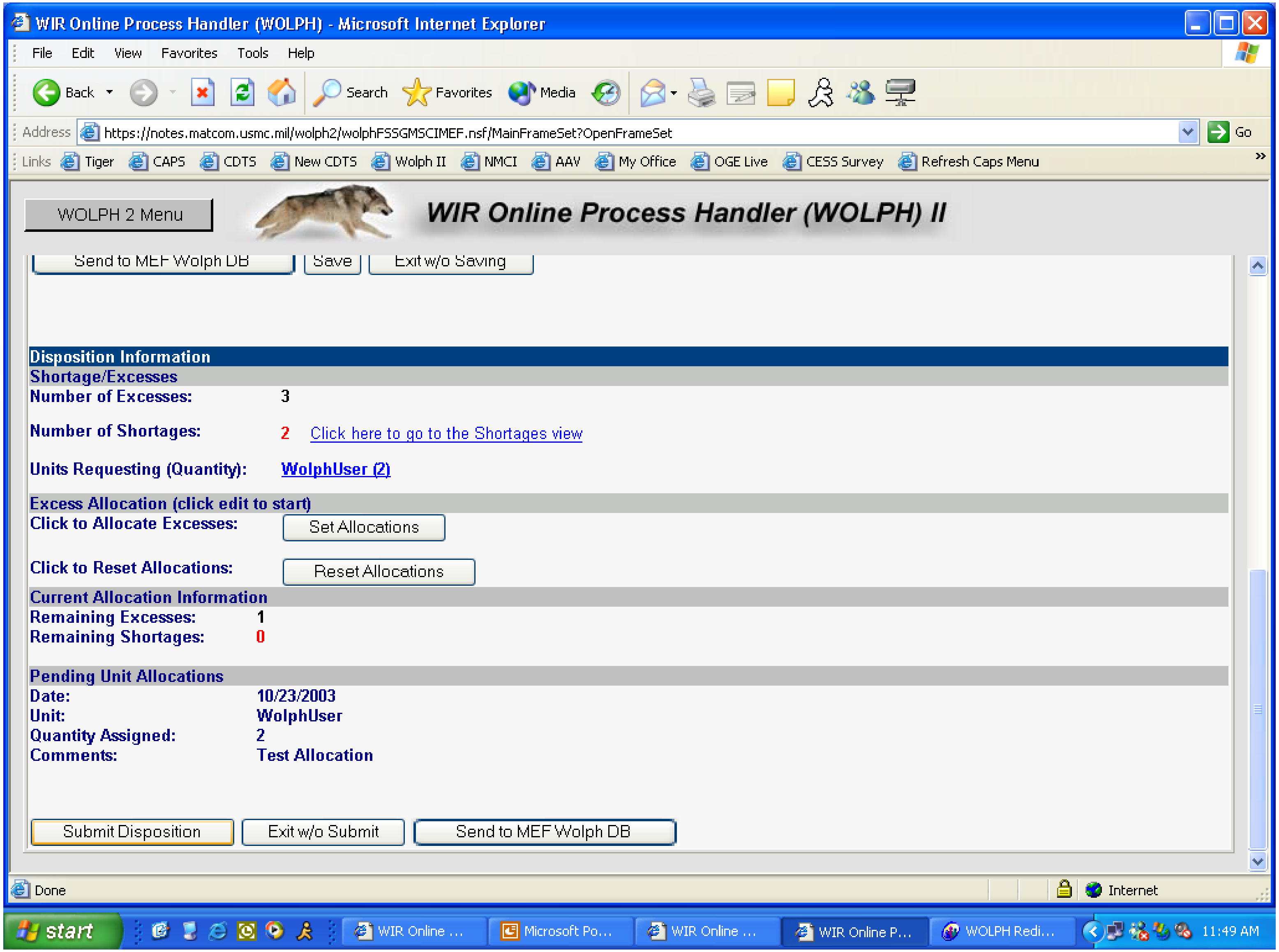
Excess Allocation

Choose a Unit: WolphUser

Enter Quantity: 2

Comments:

Test Allocation


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
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Favorites
Tools
Help
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Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II
Send to MEF Wolph DB
Save
Exit w/o Saving
Set Allocations
Reset Allocations
Submit Disposition
Exit w/o Submit
Send to MEF Wolph DB
Done
Internet
start
WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:49 AM

Disposition Information

Shortage/Excesses

Number of Excesses: 3

Number of Shortages: 2 Click here to go to the Shortages view

Units Requesting (Quantity): WolphUser (2)

Excess Allocation (click edit to start)

Click to Allocate Excesses:

Click to Reset Allocations:

Current Allocation Information

Remaining Excesses: 1

Remaining Shortages: 0

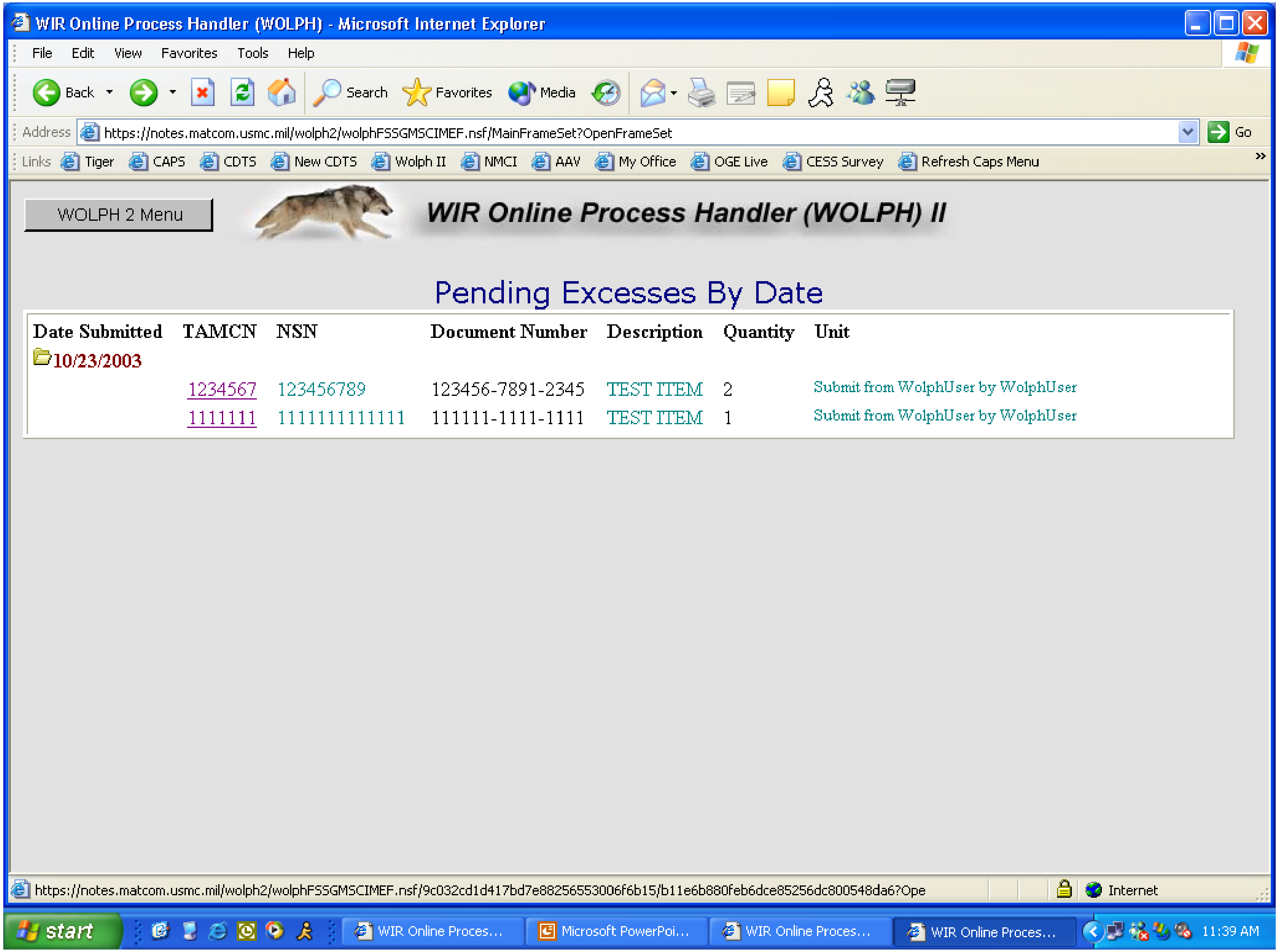
Pending Unit Allocations

Date: 10/23/2003

Unit: WolphUser

Quantity Assigned: 2

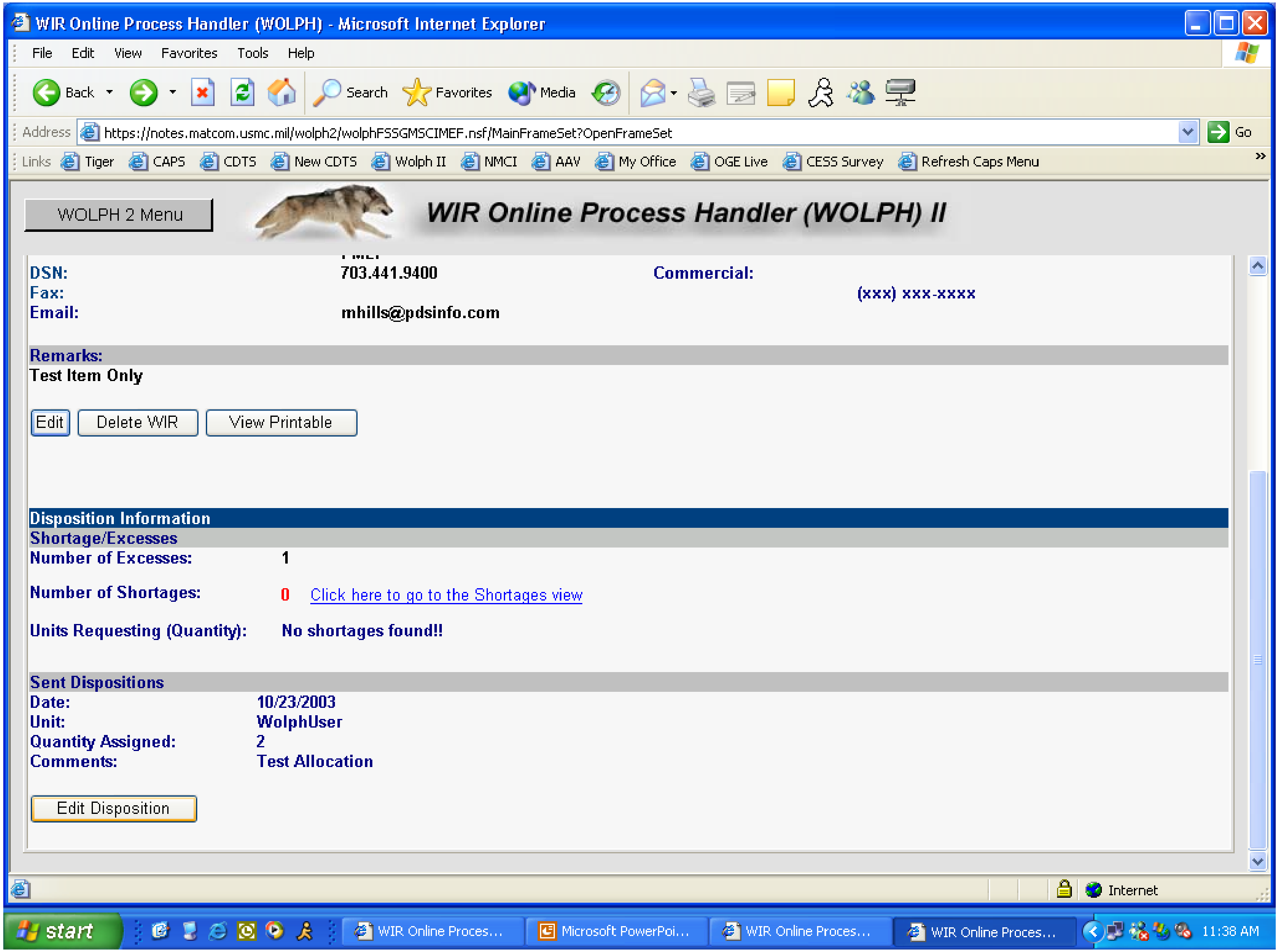
Comments: Test Allocation


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/9c032cd1d417bd7e88256553006f6b15/b11e6b880feb6dce85256dc800548da6?Ope
Internet
start
WIR Online Proces...
Microsoft PowerPoi...
WIR Online Proces...
WIR Online Proces...
11:39 AM

WIR Online Process Handler (WOLPH) II

Pending Excesses By Date

Date Submitted	TAMCN	NSN	Document Number	Description	Quantity	Unit
10/23/2003						
	1234567	123456789	123456-7891-2345	TEST ITEM	2	Submit from WolphUser by WolphUser
	1111111	1111111111111	111111-1111-1111	TEST ITEM	1	Submit from WolphUser by WolphUser


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links Tiger CAPS CDTS New CDTS Wolph II NMCI AAV My Office OGE Live CESS Survey Refresh Caps Menu
WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II
Edit
Delete WIR
View Printable
Edit Disposition
Internet
start
WIR Online Proces...
Microsoft PowerPoi...
WIR Online Proces...
WIR Online Proces...
11:38 AM

DSN: 703.441.9400 **Commercial:**
Fax: (xxx) xxx-xxxx
Email: mhills@pdsinfo.com

Remarks:
Test Item Only

Disposition Information

Shortage/Excesses

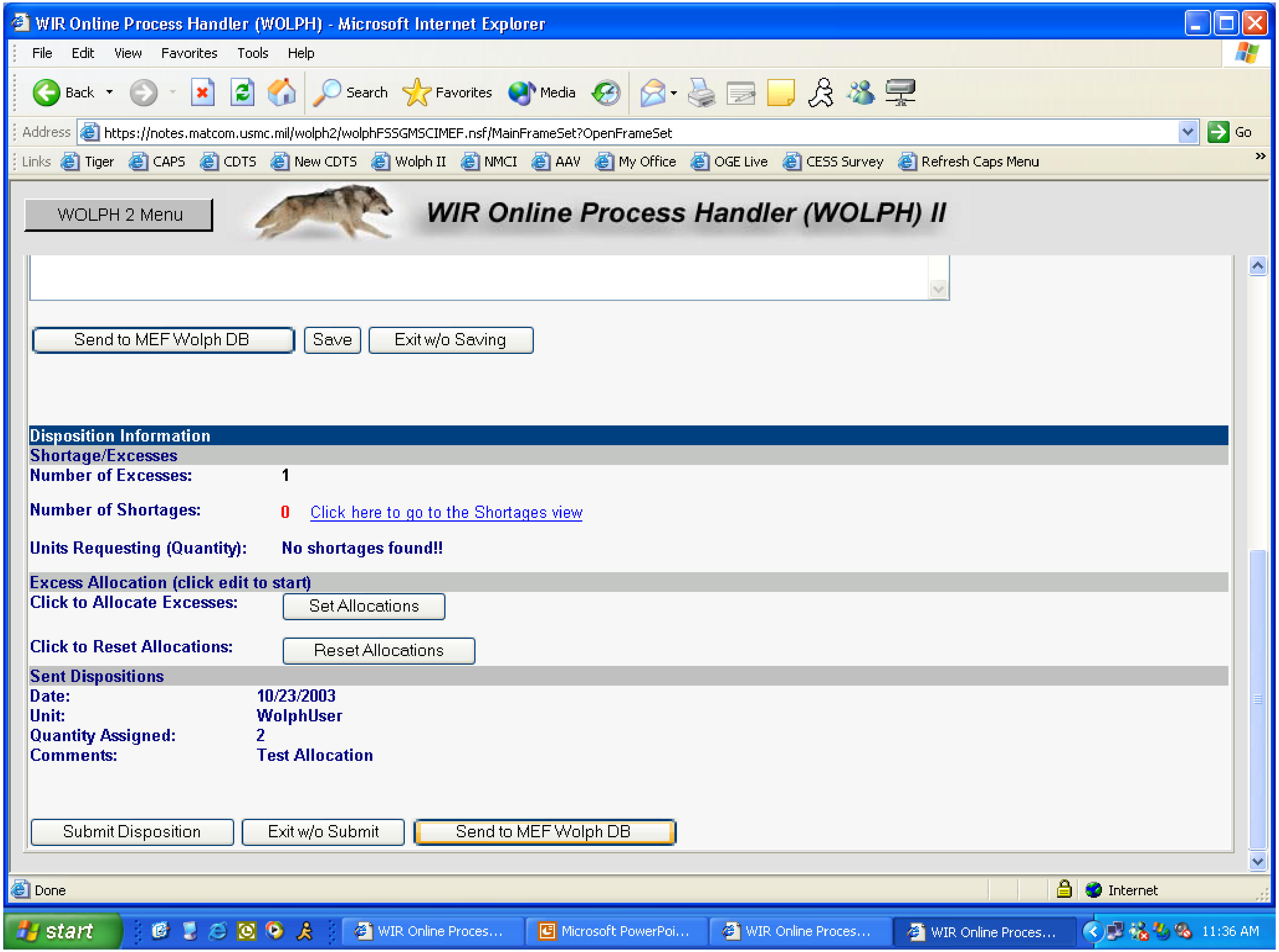
Number of Excesses: 1

Number of Shortages: 0 Click here to go to the Shortages view

Units Requesting (Quantity): No shortages found!!

Sent Dispositions

Date: 10/23/2003
Unit: WolphUser
Quantity Assigned: 2
Comments: Test Allocation


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II
Send to MEF Wolph DB
Save
Exit w/o Saving
Set Allocations
Reset Allocations
Submit Disposition
Exit w/o Submit
Send to MEF Wolph DB
Done
Internet
start
WIR Online Proces...
Microsoft PowerPoi...
WIR Online Proces...
WIR Online Proces...
11:36 AM

Disposition Information

Shortage/Excesses

Number of Excesses: 1

Number of Shortages: 0 Click here to go to the Shortages view

Units Requesting (Quantity): No shortages found!!

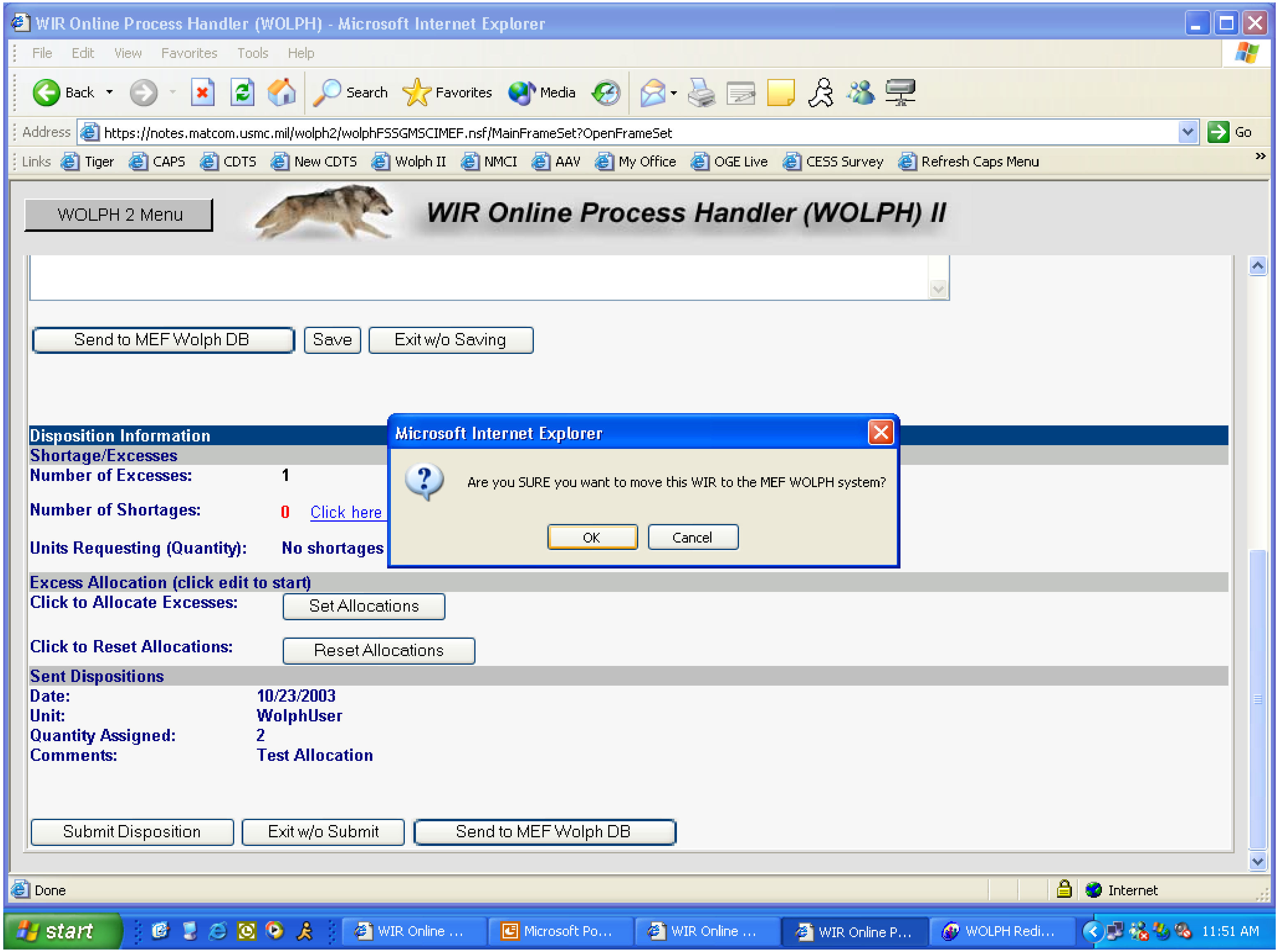
Excess Allocation (click edit to start)

Click to Allocate Excesses: Set Allocations

Click to Reset Allocations: Reset Allocations

Sent Dispositions

Date: 10/23/2003
Unit: WolphUser
Quantity Assigned: 2
Comments: Test Allocation


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
File
Edit
View
Favorites
Tools
Help
Back
Search
Favorites
Media
Address
Go
Links
Tiger
CAPS
CDTS
New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
Send to MEF Wolph DB
Save
Exit w/o Saving
Set Allocations
Reset Allocations
Submit Disposition
Exit w/o Submit
Send to MEF Wolph DB
OK
Cancel
Done
Internet
start
WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:51 AM

https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet

WIR Online Process Handler (WOLPH) II

Disposition Information

Shortage/Excesses

Number of Excesses: 1

Number of Shortages: 0 Click here

Units Requesting (Quantity): No shortages

Excess Allocation (click edit to start)

Click to Allocate Excesses:

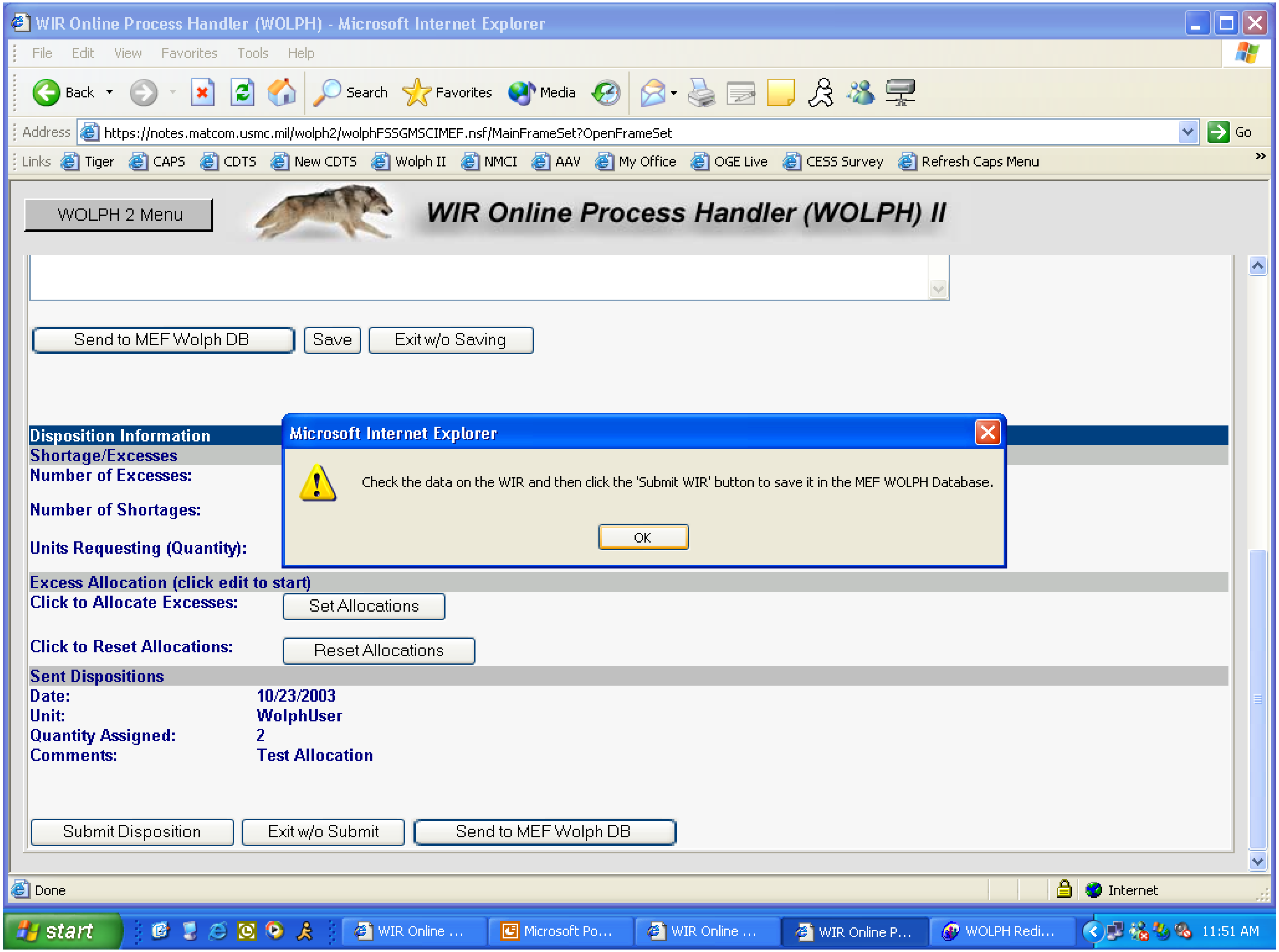
Click to Reset Allocations:

Sent Dispositions

Date: 10/23/2003
Unit: WolphUser
Quantity Assigned: 2
Comments: Test Allocation

Microsoft Internet Explorer

Are you SURE you want to move this WIR to the MEF WOLPH system?


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
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New CDTS
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
Send to MEF Wolph DB
Save
Exit w/o Saving
Microsoft Internet Explorer
OK
Set Allocations
Reset Allocations
Submit Disposition
Exit w/o Submit
Send to MEF Wolph DB
Done
Internet
start
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Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:51 AM

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WIR Online Process Handler (WOLPH) II

Check the data on the WIR and then click the 'Submit WIR' button to save it in the MEF WOLPH Database.

Disposition Information

Shortage/Excesses

Number of Excesses:

Number of Shortages:

Units Requesting (Quantity):

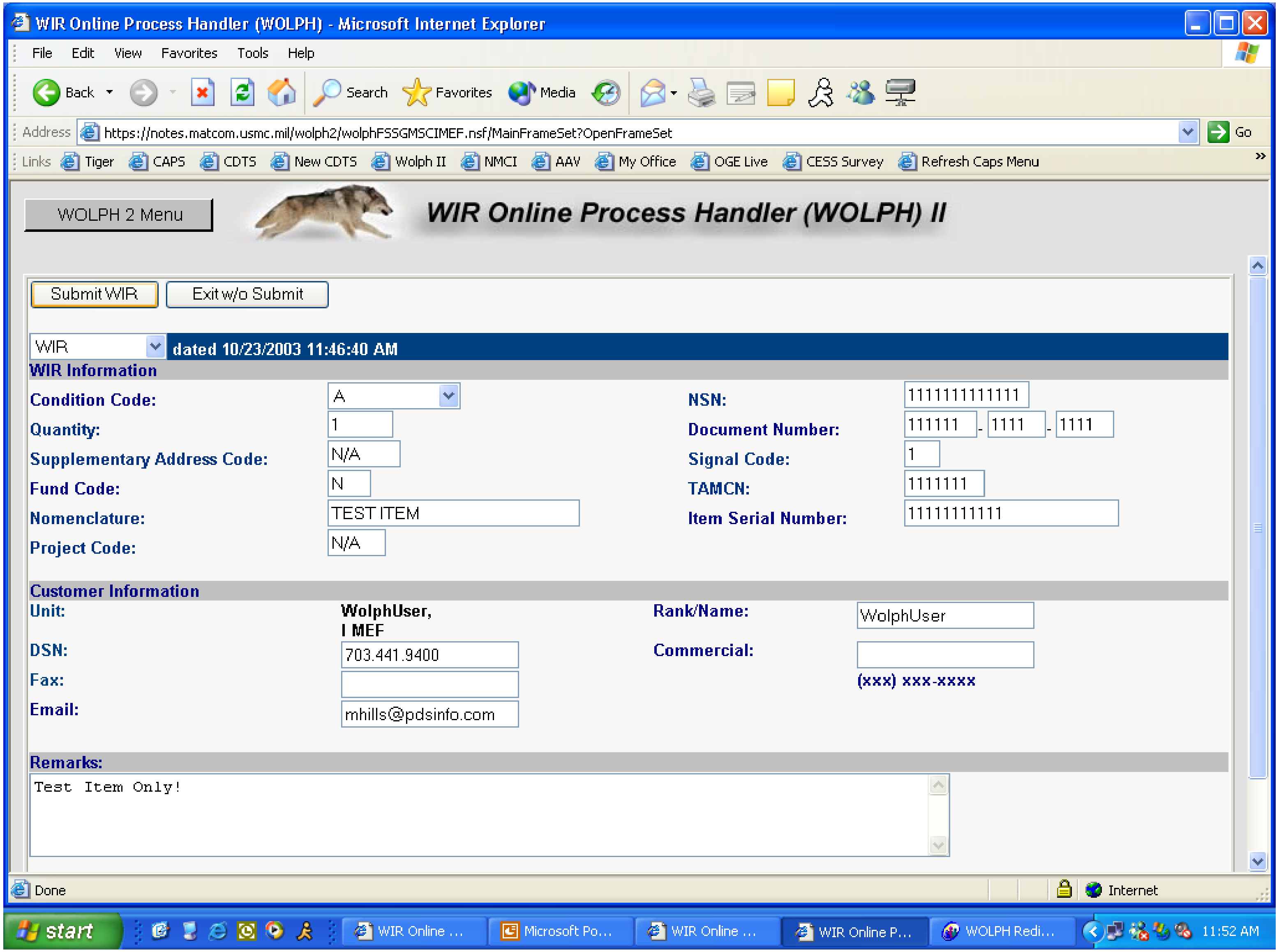
Excess Allocation (click edit to start)

Click to Allocate Excesses:

Click to Reset Allocations:

Sent Dispositions

Date: 10/23/2003
Unit: WolphUser
Quantity Assigned: 2
Comments: Test Allocation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Internet
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Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:52 AM

WIR dated 10/23/2003 11:46:40 AM

WIR Information

Condition Code: A
Quantity: 1
Supplementary Address Code: N/A
Fund Code: N
Nomenclature: TEST ITEM
Project Code: N/A

NSN: 1111111111111
Document Number: 111111 - 1111 - 1111
Signal Code: 1
TAMCN: 1111111
Item Serial Number: 11111111111

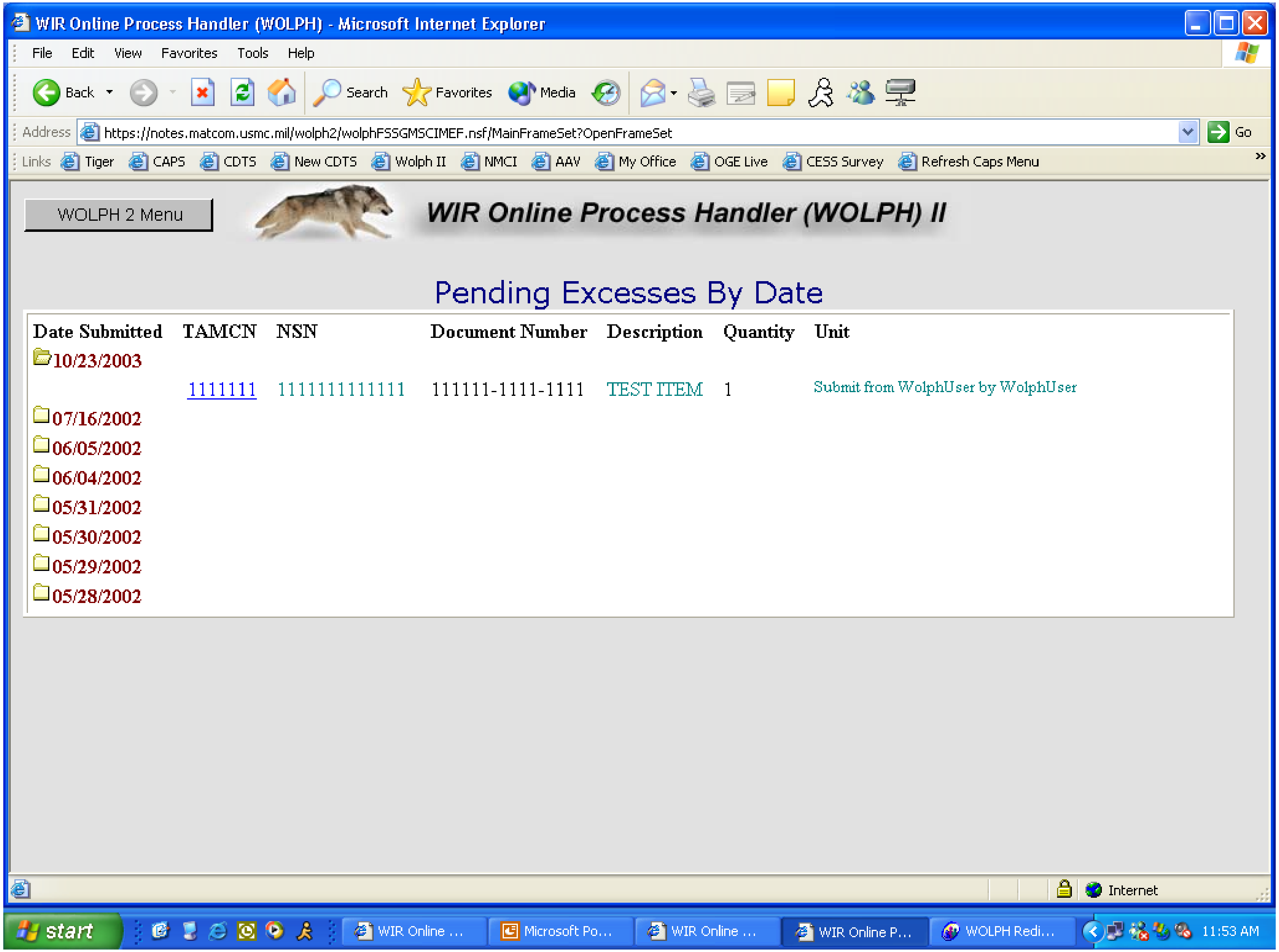
Customer Information

Unit: WolphUser,
I MEF
DSN: 703.441.9400
Fax:
Email: mhills@pdsinfo.com

Rank/Name: WolphUser
Commercial:
(xxx) xxx-xxxx

Remarks:

Test Item Only!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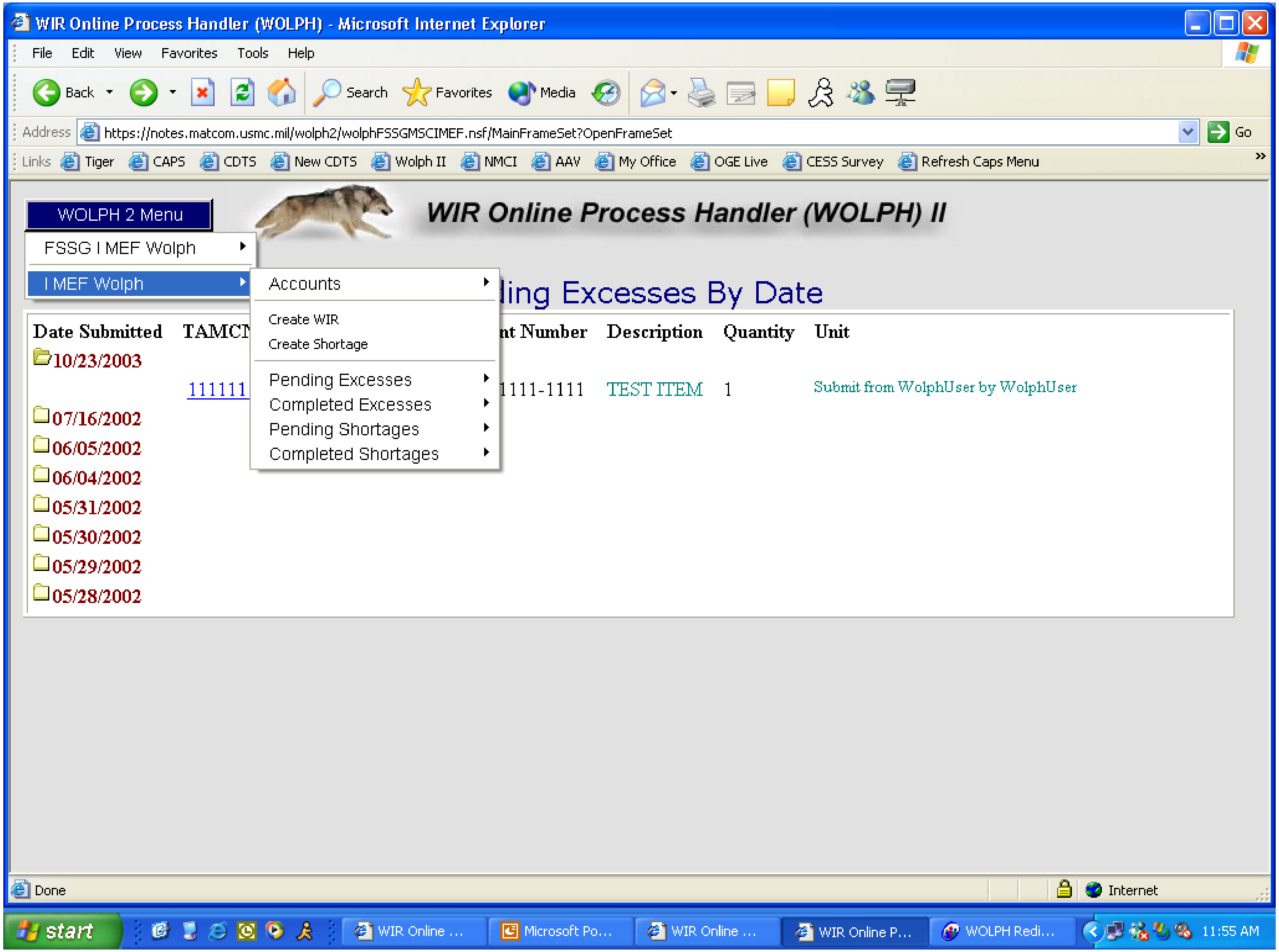
WIR Online ...
WIR Online P...
WOLPH Redi...
11:53 AM

Pending Excesses By Date

Date Submitted	TAMCN	NSN	Document Number	Description	Quantity	Unit
10/23/2003						
	1111111	1111111111111	111111-1111-1111	TEST ITEM	1	Submit from WolphUser by WolphUser
07/16/2002						
06/05/2002						
06/04/2002						
05/31/2002						
05/30/2002						
05/29/2002						
05/28/2002						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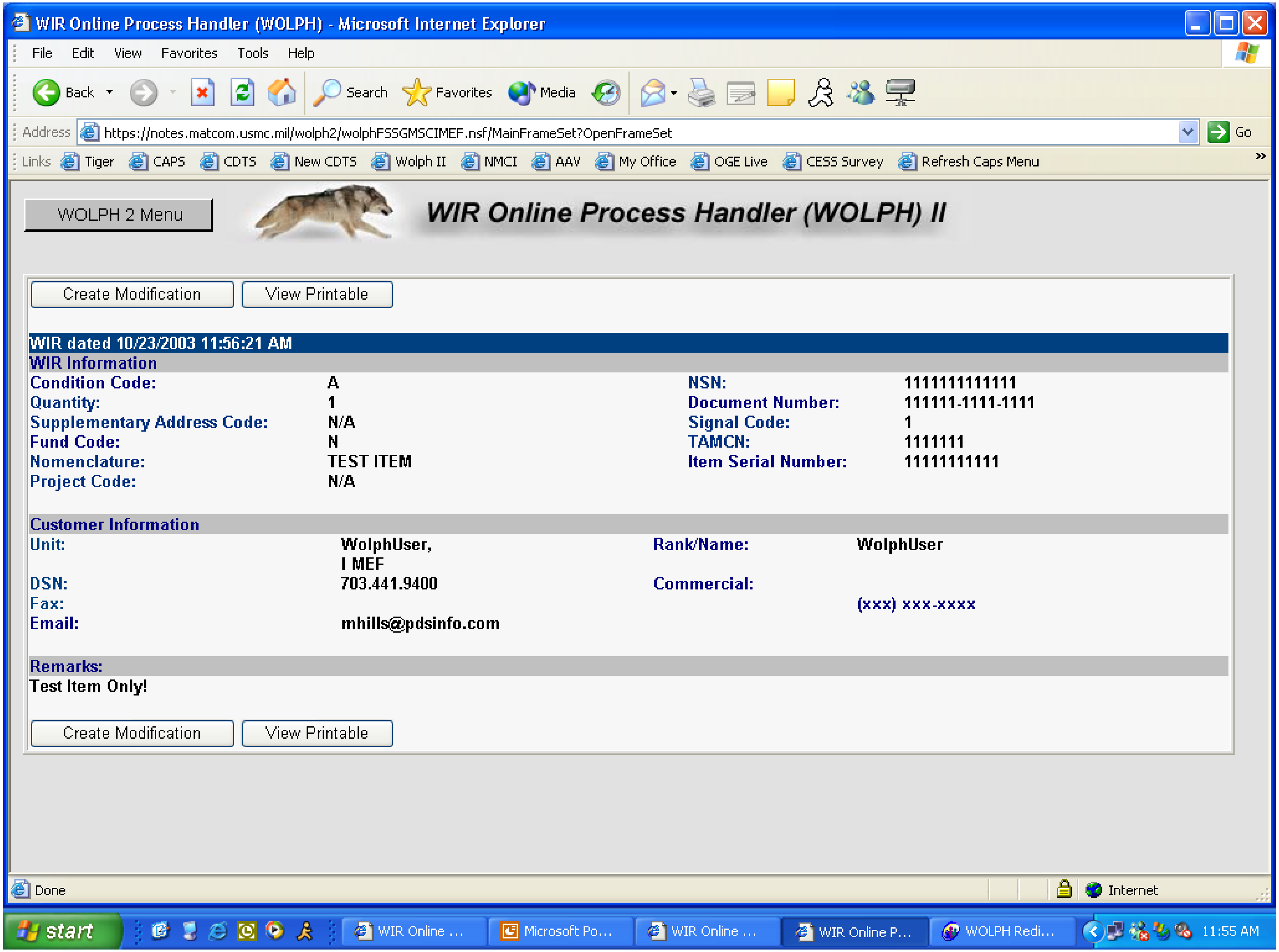
Wolph II
NMCI
AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
FSSG I MEF Wolph
I MEF Wolph
Accounts
Create WIR
Create Shortage
Pending Excesses
Completed Excesses
Pending Shortages
Completed Shortages
Done
Internet
start
WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:55 AM

WIR Online Process Handler (WOLPH) II

ling Excesses By Date

Date Submitted	TAMC	nt Number	Description	Quantity	Unit
10/23/2003					
	111111	1111-1111	TEST ITEM	1	Submit from WolphUser by WolphUser
07/16/2002					
06/05/2002					
06/04/2002					
05/31/2002					
05/30/2002					
05/29/2002					
05/28/2002					


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
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WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II
Create Modification
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Done
Internet
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WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:55 AM

WIR dated 10/23/2003 11:56:21 AM

WIR Information

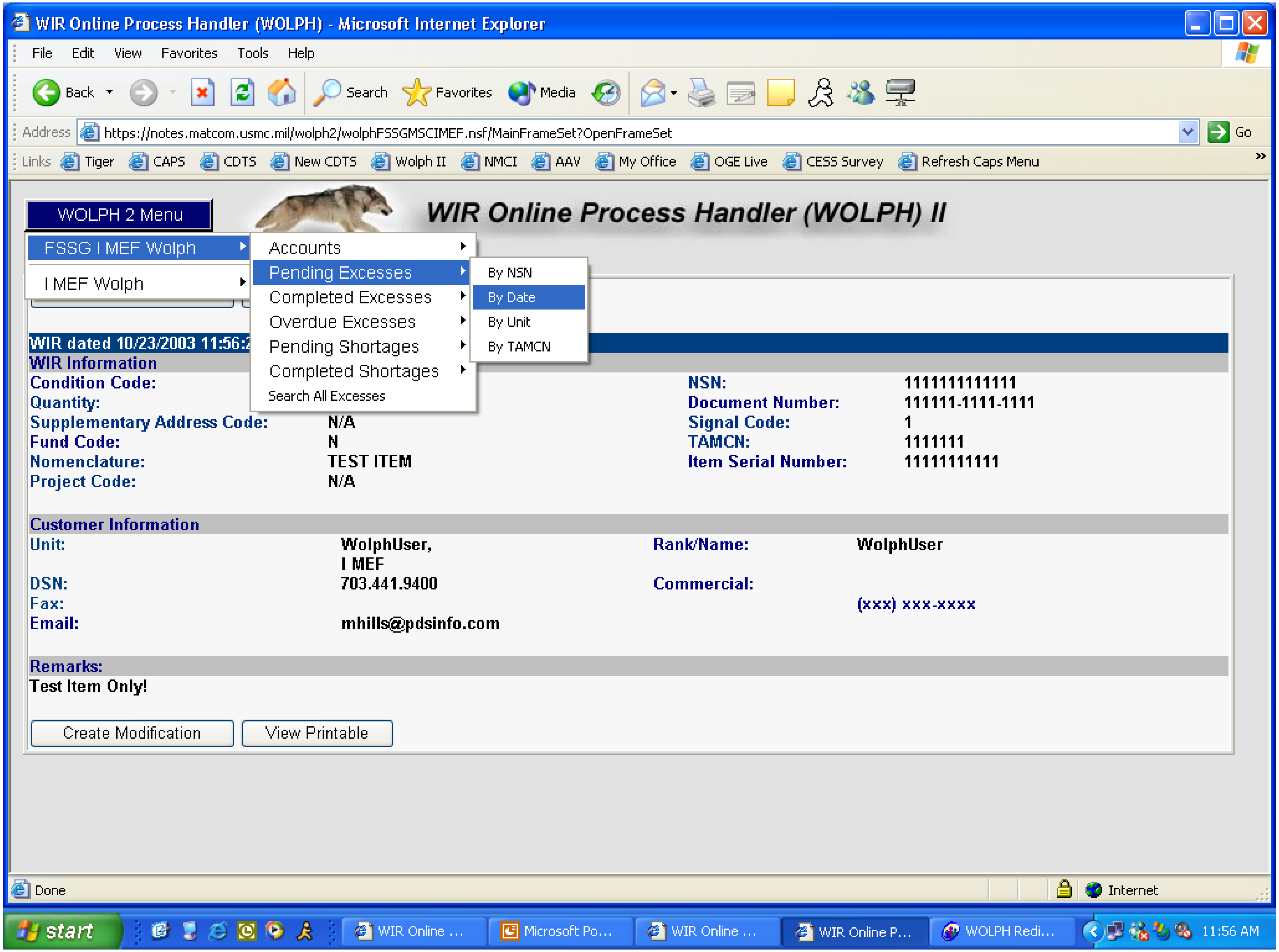
Condition Code:	A	**NSN:**	1111111111111
Quantity:	1	**Document Number:**	111111-1111-1111
Supplementary Address Code:	N/A	**Signal Code:**	1
Fund Code:	N	**TAMCN:**	1111111
Nomenclature:	TEST ITEM	**Item Serial Number:**	11111111111
Project Code:	N/A		

Customer Information

Unit:	WolphUser, I MEF	**Rank/Name:**	WolphUser
DSN:	703.441.9400	**Commercial:**	
Fax:			(xxx) xxx-xxxx
Email:	mhills@pdsinfo.com		

Remarks:

Test Item Only!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OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
FSSG I MEF Wolph
I MEF Wolph
Accounts
Pending Excesses
Completed Excesses
Overdue Excesses
Pending Shortages
Completed Shortages
Search All Excesses
By NSN
By Date
By Unit
By TAMCN
Done
Internet
start
WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:56 AM

WIR Online Process Handler (WOLPH) II

WIR dated 10/23/2003 11:56:2

WIR Information

Condition Code:		**NSN:**	1111111111111
Quantity:		**Document Number:**	111111-1111-1111
Supplementary Address Code:	N/A	**Signal Code:**	1
Fund Code:	N	**TAMCN:**	1111111
Nomenclature:	TEST ITEM	**Item Serial Number:**	11111111111
Project Code:	N/A		

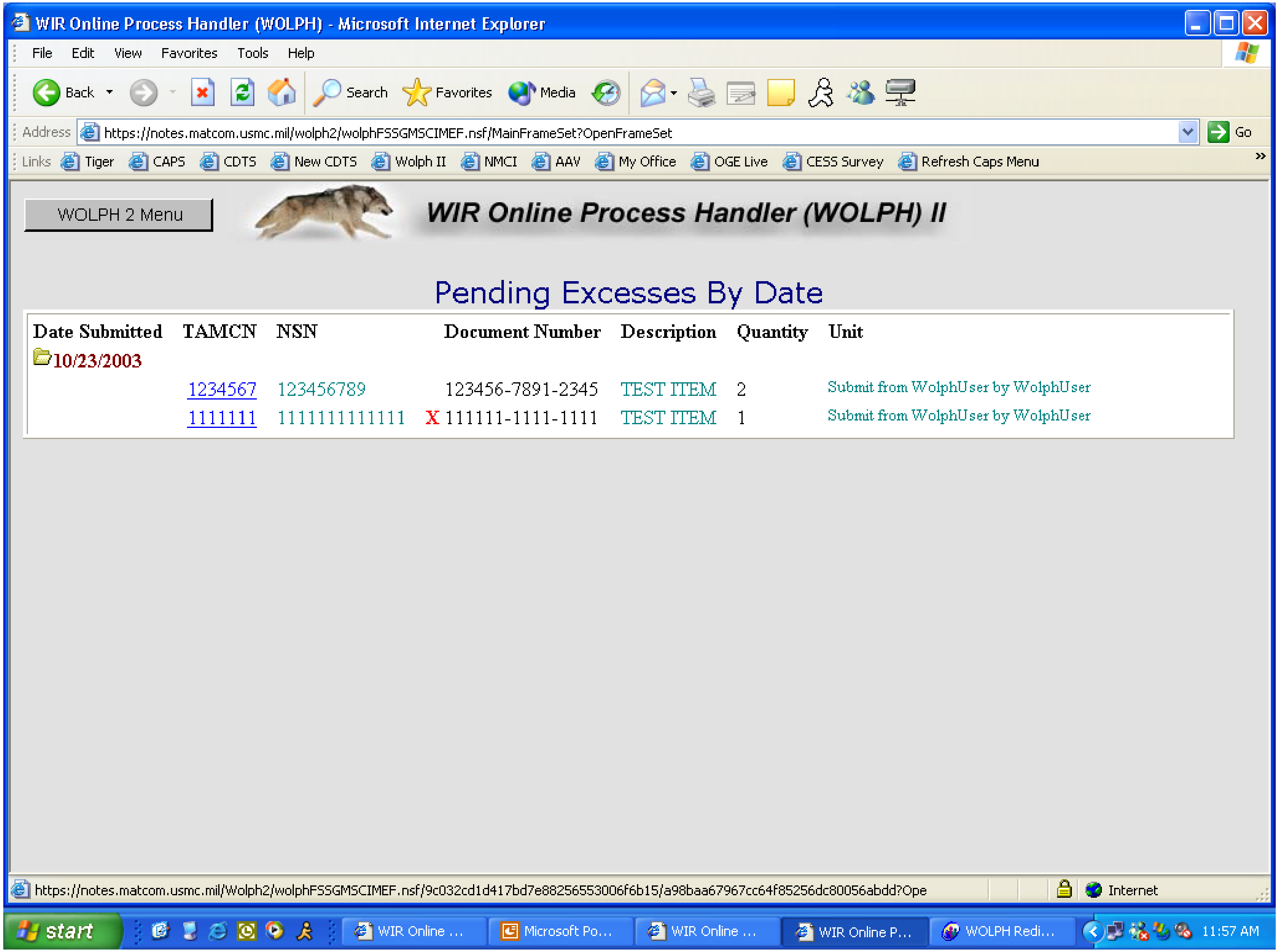
Customer Information

Unit:	WolphUser, I MEF	**Rank/Name:**	WolphUser
DSN:	703.441.9400	**Commercial:**	
Fax:			(xxx) xxx-xxxx
Email:	mhills@pdsinfo.com		

Remarks:

Test Item Only!

Create Modification
View Printable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Wolph II
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Refresh Caps Menu
WOLPH 2 Menu
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WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:57 AM

WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer

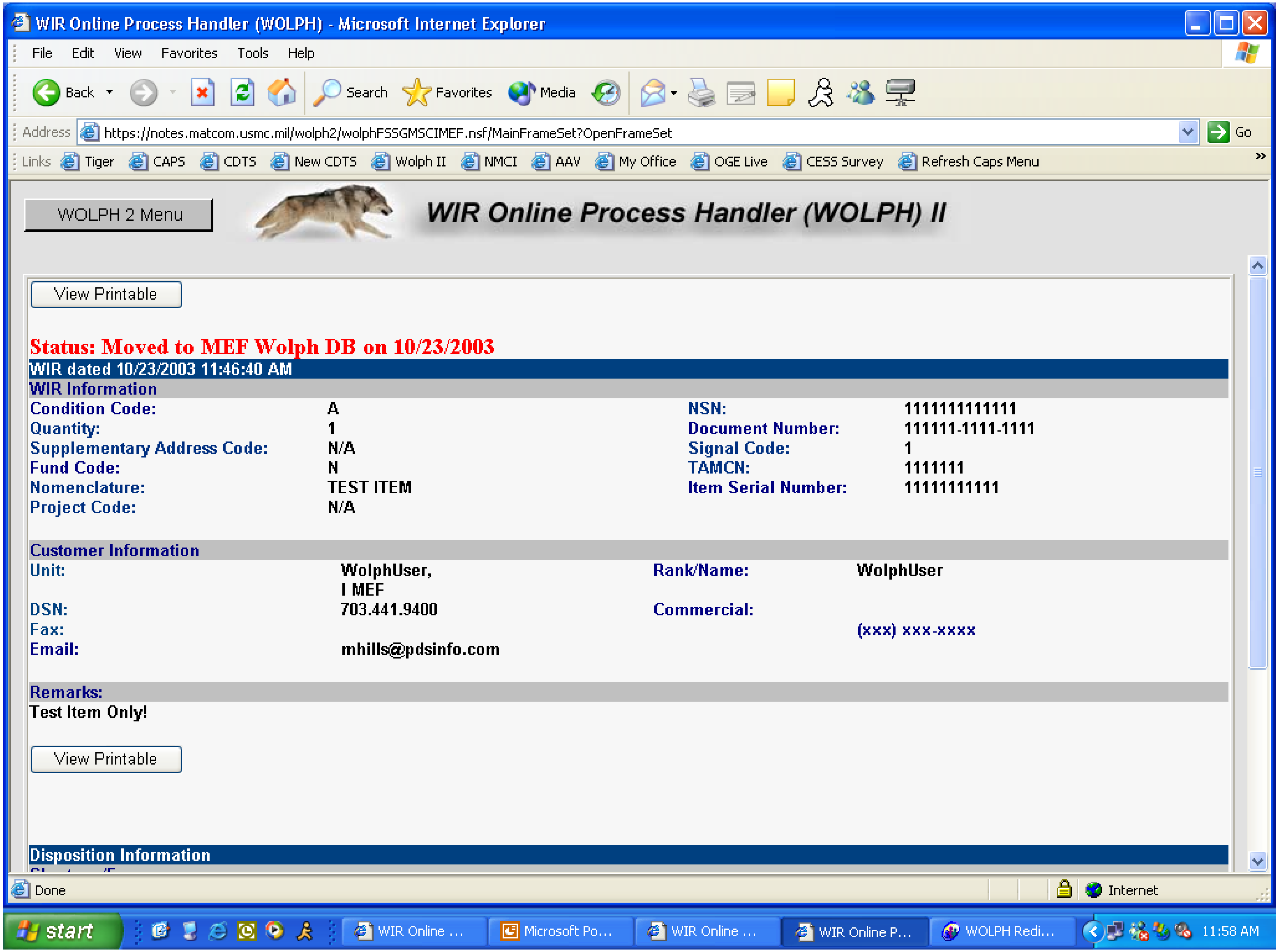
https://notes.matcom.usmc.mil/wolph2/wolphFSSGMSCIMEF.nsf/MainFrameSet?OpenFrameSet

WIR Online Process Handler (WOLPH) II

Pending Excesses By Date

Date Submitted	TAMCN	NSN	Document Number	Description	Quantity	Unit
10/23/2003						
	1234567	123456789	123456-7891-2345	TEST ITEM	2	Submit from WolphUser by WolphUser
	1111111	1111111111111	X 111111-1111-1111	TEST ITEM	1	Submit from WolphUser by WolphUser

https://notes.matcom.usmc.mil/Wolph2/wolphFSSGMSCIMEF.nsf/9c032cd1d417bd7e88256553006f6b15/a98baa67967cc64f85256dc80056abdd?Ope


WIR Online Process Handler (WOLPH) - Microsoft Internet Explorer
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Wolph II
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AAV
My Office
OGE Live
CESS Survey
Refresh Caps Menu
WOLPH 2 Menu
WIR Online Process Handler (WOLPH) II
View Printable
Done
Internet
start
WIR Online ...
Microsoft Po...
WIR Online ...
WIR Online P...
WOLPH Redi...
11:58 AM

Status: Moved to MEF Wolph DB on 10/23/2003

WIR dated 10/23/2003 11:46:40 AM

WIR Information

Condition Code:	A	**NSN:**	1111111111111
Quantity:	1	**Document Number:**	111111-1111-1111
Supplementary Address Code:	N/A	**Signal Code:**	1
Fund Code:	N	**TAMCN:**	1111111
Nomenclature:	TEST ITEM	**Item Serial Number:**	11111111111
Project Code:	N/A		

Customer Information

Unit:	WolphUser, I MEF	**Rank/Name:**	WolphUser
DSN:	703.441.9400	**Commercial:**	
Fax:			(xxx) xxx-xxxx
Email:	mhills@pdsinfo.com		

Remarks:

Test Item Only!

Disposition Information

Defense Logistics Agency

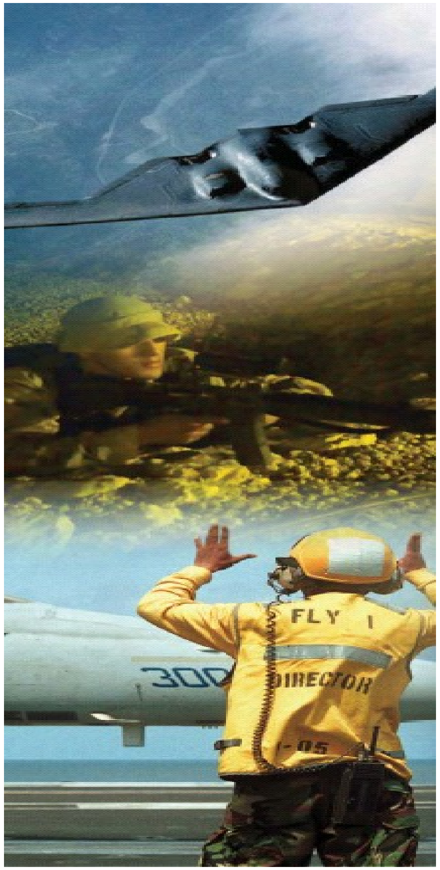
National Inventory Management Strategy

Presented by:
CDR Scott Griffea
Chief, Business Development &
Supply Chain Integration Division

28 October 2003

Overview

- NIMS
  - A National Inventory
  - Why NIMS?
  - NIMS Benefits to the USMC
  - USMC Operations with NIMS
- USMC Status
  - Background
  - Current Status


FLY 1
DIRECTOR
300

NIMS Defined

“A strategy for extending DLA’s consumable item supply chain management from the wholesale level to the point of consumption.”

Why NIMS?

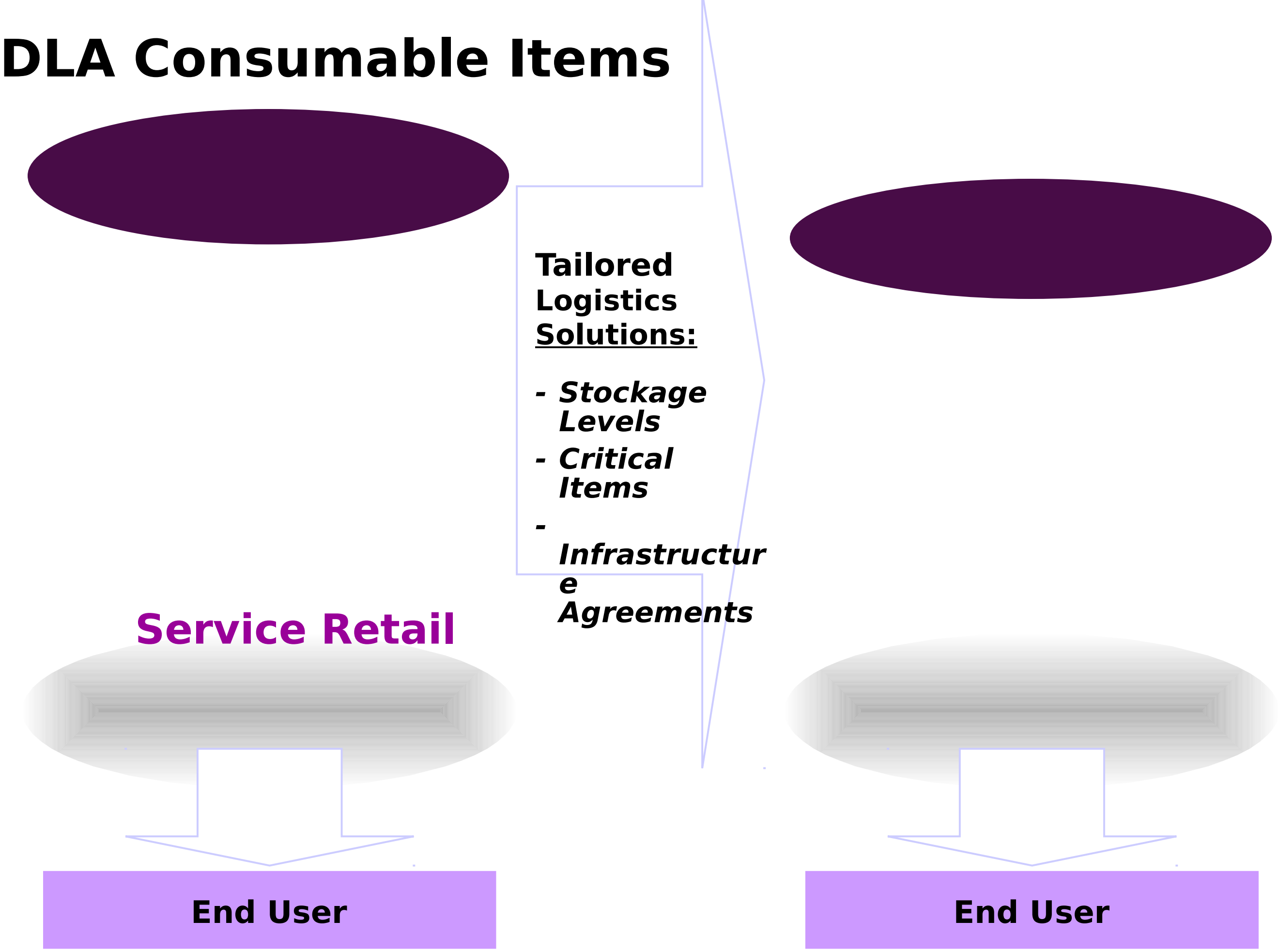
Impetus:

- Program Budget Decision (PBD) 422 from OSD (Comptroller)

Goals:

- To merge distinct wholesale and retail inventories into a national inventory that can be managed in a more integrated manner
- Improve customer support by tailoring inventory services to individual Service requirements
- Reduce redundant inventory
- Lower overall DoD inventory costs

A National Inventory



DLA Consumable Items

Tailored Logistics Solutions:

- ***Stockage Levels***
- ***Critical Items***
- ***Infrastructure Agreements***

Service Retail

End User

End User

Old Way

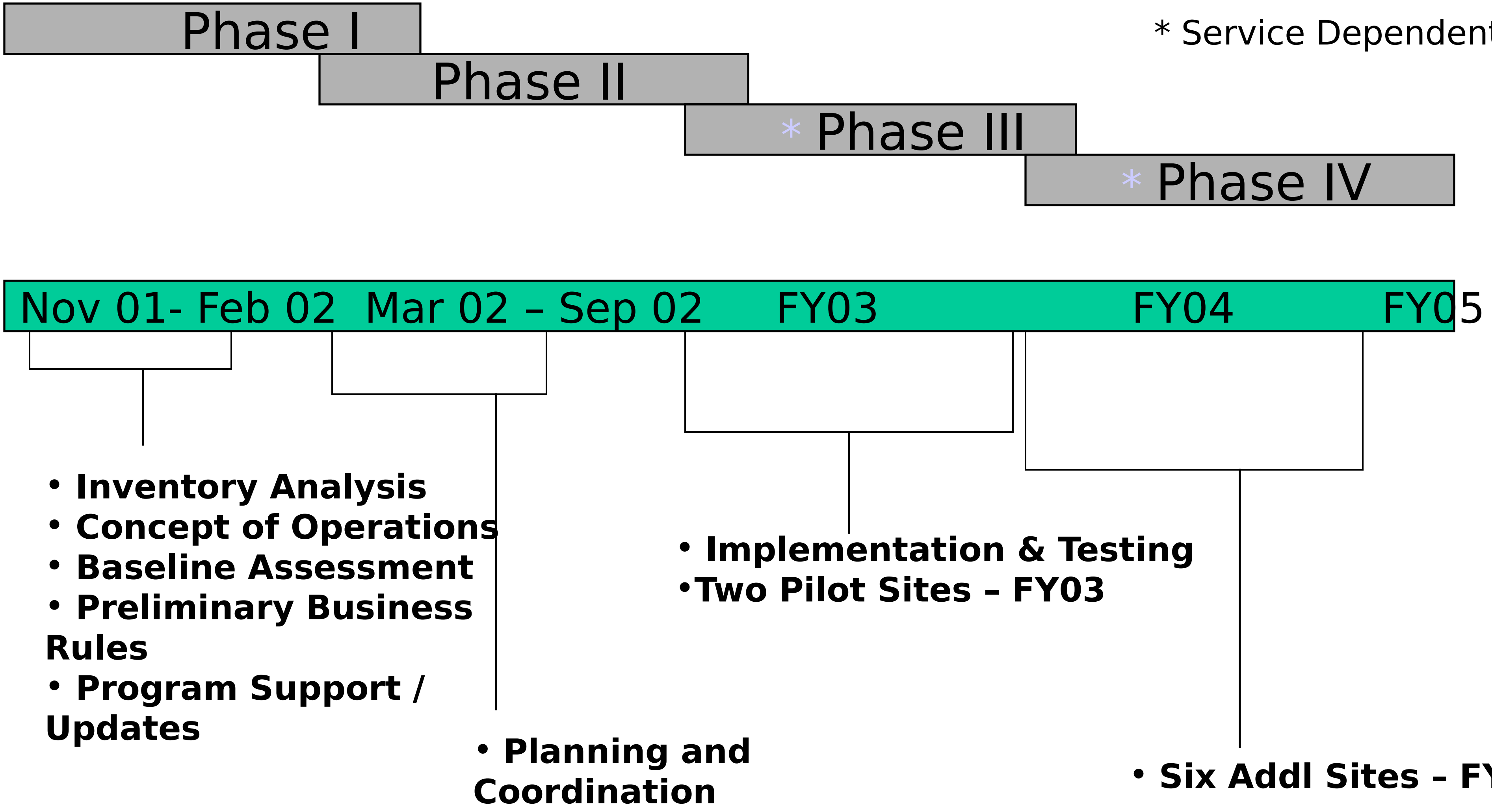
NIMS Way

DLA, Service, and Site will negotiate inventory management solutions, creating a tailored logistics solution *by site.*

DLA owns the inventory investment to end-user point of sale.

Retail pass-through charges for DLA materiel are

Timeline



Phase I

Phase II

* Phase III

* Phase IV

* Service Dependen

Nov 01- Feb 02 Mar 02 – Sep 02 FY03 FY04 FY05

- Inventory Analysis
- Concept of Operations
- Baseline Assessment
- Preliminary Business Rules
- Program Support / Updates

- Planning and Coordination

- Implementation & Testing
- Two Pilot Sites – FY03

- Six Addl Sites – FY

NIMS - Program Status

- FY 03 Objective - 1 Pilot Site Per Service
  - **Navy - Naval Station Ingleside (Started May 03)**
  - **Air Force - Tinker AFB (Jun 03)**
  - **Army - Fort Carson (Feb 04)**
  - **Marine Corps - Camp Lejeune (FY 04)**
- Concept Demonstrations
  - **Naval Station, Yokosuka Japan**
  - **Naval Air Station, Sigonella Italy**

NIMS Rollout Reflects Draft AT&L Plan for SSI (PB

Benefit to USMC

- Meet Requisitioning Objective (RO)
- Unlock $4.9 Million in USMC O&M dollars for use
  - Example:
    - Peacetime O/H Inventory at CLNC ISSA = $4.9 M
    - CLNC ISSA requirement to meet RO = $3.5 M (not currently stocked)
      - » Total = $8.4 M
    - If implemented USMC wide within the MEFs:
      - $4.9 M x 3 MEFs = $14.7 M "UNLOCKED"
    - Disclaimer: Estimated numbers are based on 2002 PWCC BCA and include only "Green", MEF (OpFor), & Class IX considerations. This is likely a low estimate of actual savings

PPLY EFFECTIVENESS = INCREASD READINE

USMC Operations with NIMS

- DLA positions stock based on USMC requirements at II MEF (RO)
- Marines will continue to provide inventory support (physical movement, warehousing, etc.)
- Materiel positioned to provide the best total support while optimizing transportation---”seamless” support to the Warfighter
- DLA will adjust national inventory goals to meet specific levels of warfighter support
- DLA and Services will establish and monitor performance measures

NIMS – Marine Corps

Background:

- Spring 2002: HQMC (I&L) approved CLNC as NIMS-MC pilot site with proposed start date of October 2002.

- May 02: Business Case Analysis (BCA) conducted by IBM; BCA recommended using ATLASS II+ to test NIMS pilot concept.

- May 02: HQMC (I&L) advised DLA of revised GCSS-MC strategy wrt accelerated implementation by Nov 02.

- June 02: DC I&L (HQMC) decision to proceed with accelerated roll-out of GCSS-MC vice using BCA recommendation to use ATLASS II+.

- September 02: EV contractor provided proposal to conduct 4 week NIMS workshop (at cost of $325K to support review requirements).

- April 03: HQMC approved & delivered SOW to DLA that provided level of effort required to perform system changes with STRATIS to support NIMS-MC.

- DLA funded HQMC $130K for STRATIS modifications

NIMS – Marine Corps

Background (Continued):

- May-July 2003: DLA hosted a series of workshops with HQMC, HQMC contractors, IBM, and other HQDLA codes to review the requirements for STRATIS changes & to validate processes and transaction interfaces between STRATIS and SAMMS.

- 20 Jun 03: LtGen Kelly’s Letter to OSD:
  - No legacy systems linked to NIMS
  - No NIMS pilot by 30 Sep 03 as directed by PBD 422
  - USMC to field a pilot once they have an inventory management solution developed by the EV contractors or an alternate vendor that will support not only NIMS but become part of GCSS-MC solution.

- August 2003: DLA conducted site visit at MCLB Albany to determine feasibility of inventory efficiency with co-located Depot.

- October 2003: Update to GCSS-MC Acquisition Plan now estimated to be fielded by FY-06 or 07.

NIMS – Marine Corps

Status:

- Albany Stock Positioning
  - Estimate Start Building SKUs In November
  - Estimate Start Moving Stock Early 2004
- HQMC Reevaluating GCSS-MC Acquisition Strategy
  - May Push GCSS-MC Implementation to FY07
- Requested $150K in R&D to Make Changes to USMC Systems
- Agreement on Draft Business Rules

Issue:

- HQMC Preparing Presentation to BGen Usher to Field a NIMS Pilot Using Current Legacy

NIMS

Questions?

Joint Environmental Material Management Service (JEMMS)

Marine Corps Logistics Conference

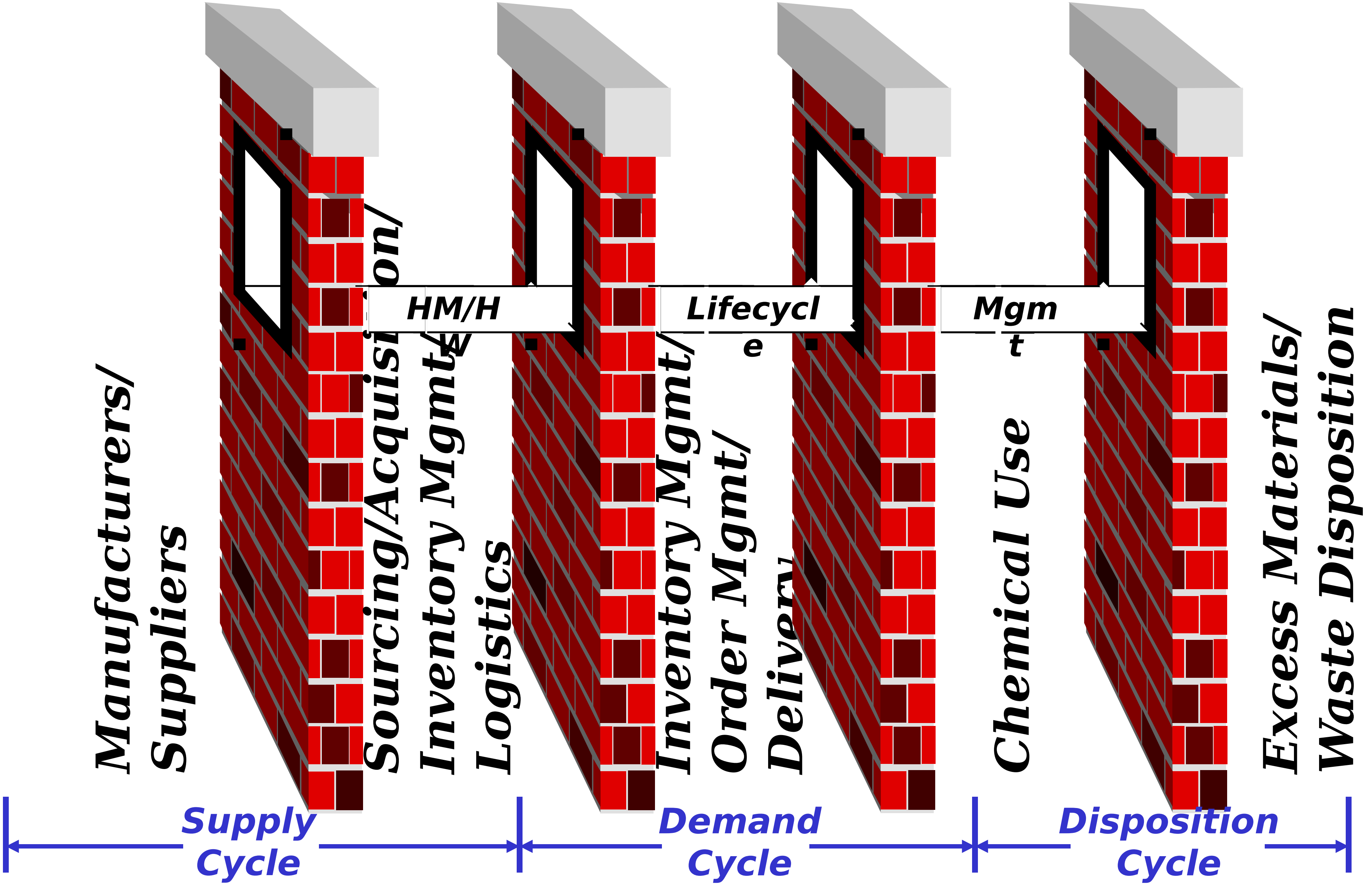
October 28, 2003

Fran Walinsky
Supply Chain Integration Division
J-333
HQ DLA
frances.walinsky@dla.mil/703-767-2524

Description

The Joint Environmental Material Management Service (JEMMS) is an Integrated Hazardous Property Management Program Designed to Improve Regional Warfighter Readiness by Providing More Responsive, Timely, and Reliable Support at the Lowest Total Cost and Improved Environmental Compliance.

Linear Supply Managemen



Manufacturers/
Suppliers

Sourcing/Acquisition/
Inventory Mgmt/
Logistics

HM/HW Lifecycle Mgmt

Inventory Mgmt/
Order Mgmt/
Delivery

Chemical Use

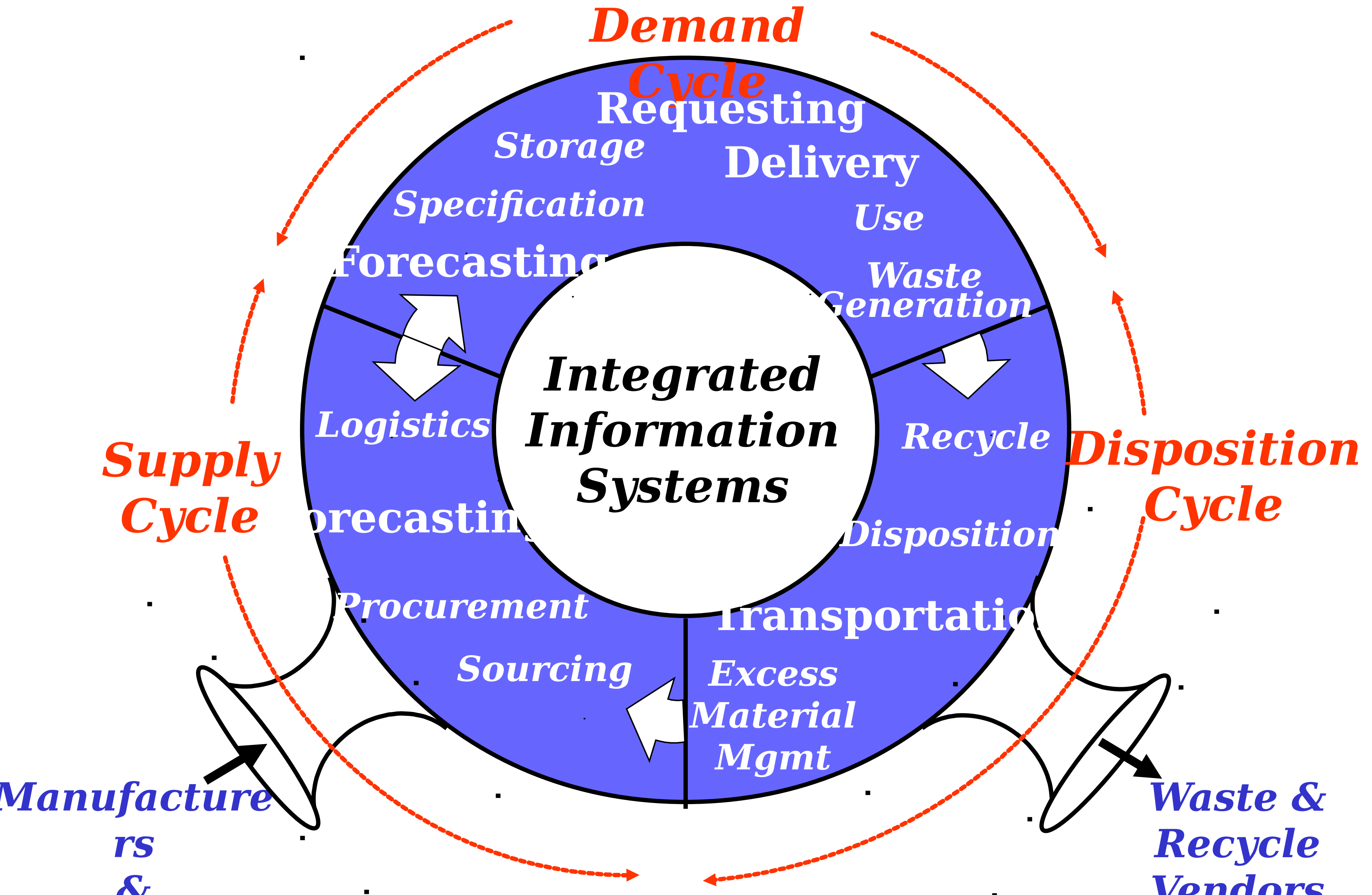
Excess Materials/
Waste Disposition

Supply Cycle

Demand Cycle

Disposition Cycle

Supply Chain Management



Demand Cycle

Requesting

Storage

Delivery

Specification

Use

Forecasting

Waste Generation

Integrated Information Systems

Logistics

Recycle

Supply Cycle

Disposition Cycle

orecastin

Disposition

Procurement

Transportatio

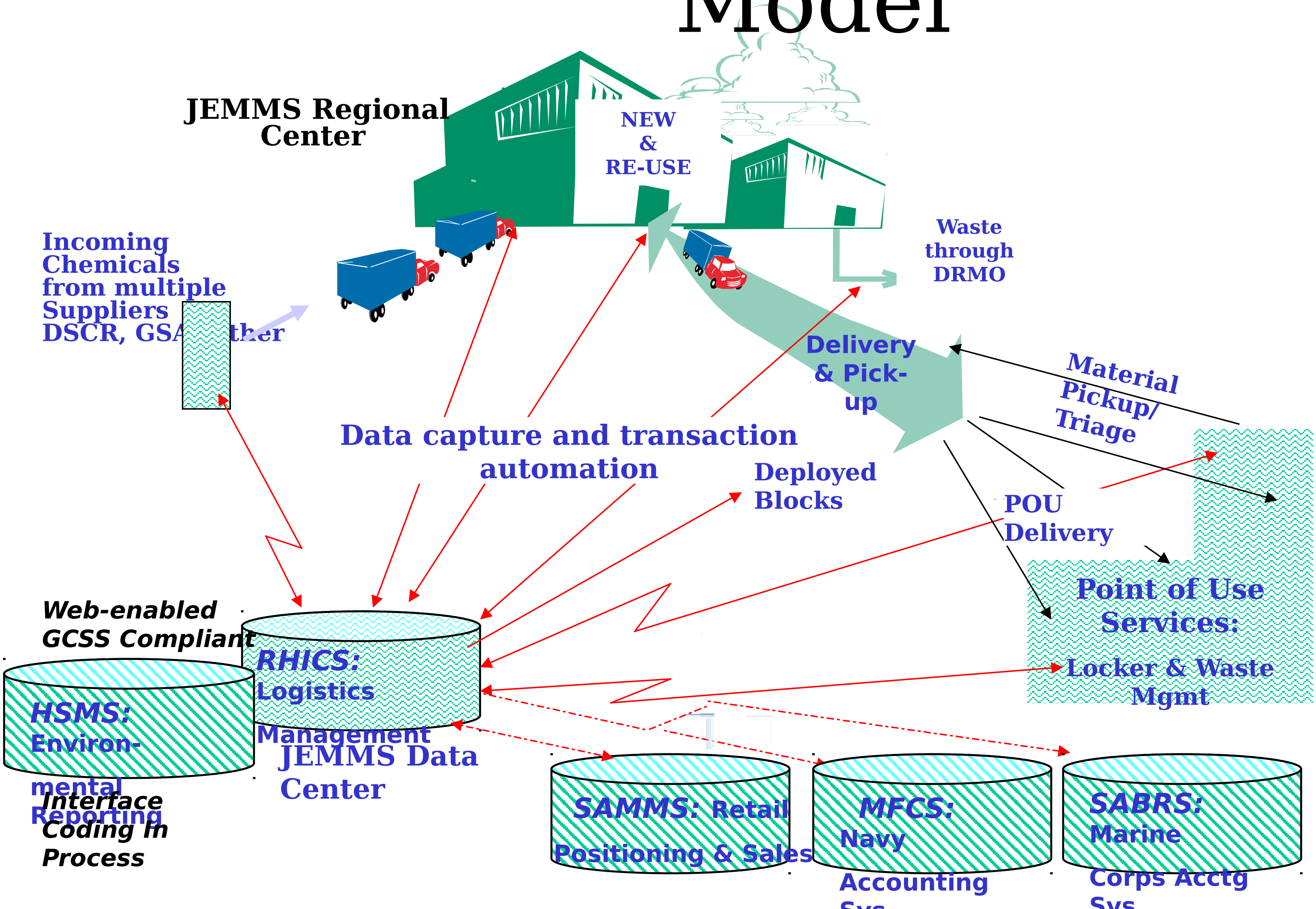
Sourcing

Excess Material Mgmt

Manufacture rs &

Waste & Recycle Vendors

JEMMS Okinawa Model



JEMMS Regional Center

NEW & RE-USE

Incoming Chemicals from multiple Suppliers DSCR, GSA ther

Waste through DRMO

Delivery & Pick-up

Material Pickup/ Triage

Data capture and transaction automation

Deployed Blocks

POU Delivery

Point of Use Services:

Locker & Waste Mgmt

Web-enabled GCSS Compliant

RHICS: **Logistics Management**

JEMMS Data Center

HSMS: **Environ-mental Reporting**

Interface Coding In Process

SAMMS: **Retail Positioning & Sales**

MFCS: **Navy Accounting Sys**

SABRS: **Marine Corps Acctg Sys**

Demonstrated Success

- **MCLCAT Review Deemed JEMMS Prototype A Success**
  - **Improved Compliance (June EPA Review Confirmed)**
  - **$870K Reissued Material (Cost Avoidance of New Purchases); $750K Disposal Cost Avoidance**
  - **Consolidated Redundant Inventory**
  - **Improved Customer Support (95% Effectiveness)**
- **JEMMS Concept Is Exportable**
  - **Modular Implementation of Processes**
  - **Reduces Intermediate HazMat Inventory the Services Have to Hold**

How Do We Do It?

- **DLA Partnership with Naval Supply Systems Command**
  - **MOA With NAVSUP For Expansion**
  - **Adapt and Apply Regional Hazardous Inventory Control System (RHICS) Tool**
  - **Leverage Existing 3PL Contracts**
- **Identify "Value Added" Opportunities**
  - **OCONUS: A Retail Challenge – Customers Looking for Continuous Improvement in Logistics Footprint and Environmental Compliance**
  - **CONUS: Customers Looking for Continuous Improvement in HAZMIN Support**
    - **JEMMS Brings "Joint Solution" & Efficiencies**
    - **Multiple Military Customers Within One-Day Service Radius**
    - **Regional vice Service Specific Demand & Waste**

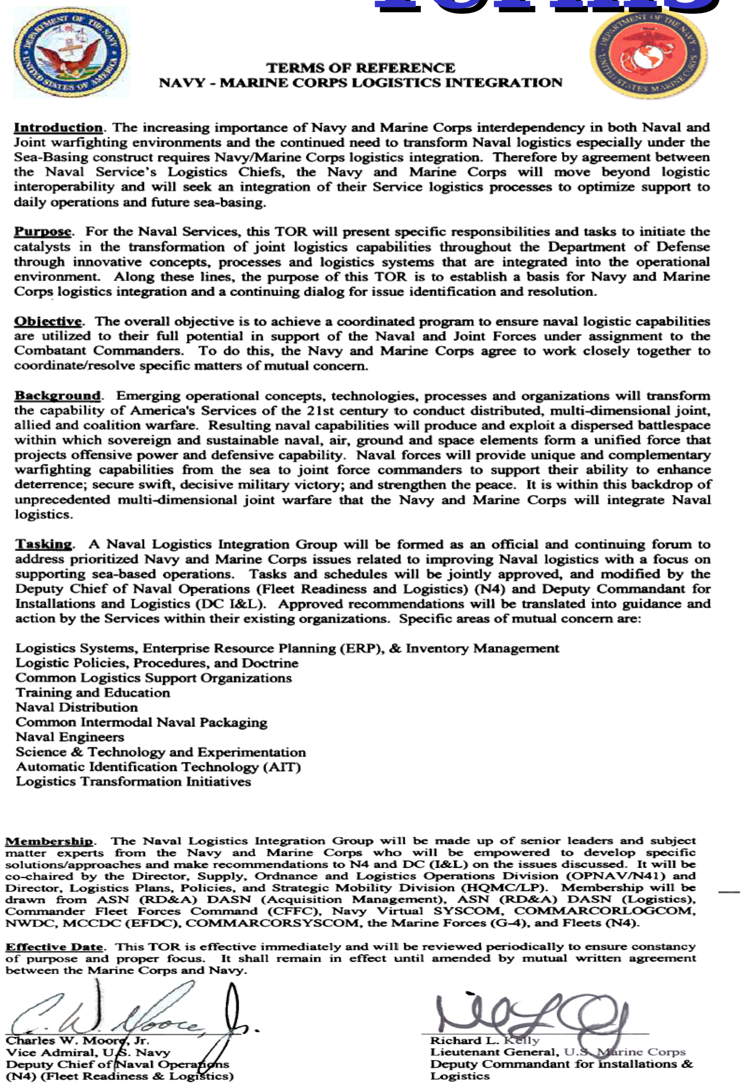
How Do We Do It? (cont.)

- Customer Interface: Customer HQ Guidance & Site MOAs
  - HQMC I&L (Logistics, Environmental) & Comptroller
  - Lejeune & Pendleton: Environmental, Safety & Health, & Logistics Site Directors

Next Opportunities

- **Navy/Marine Corps**
  - **Southwest Region: Examine San Diego/Camp Pendleton/Miramar/29 Palms/etc.**
  - **Southern East Coast: Examine Camp Lejeune/Cherry Point/etc.**

Naval Logistics Integration: Terms of Reference



TERMS OF REFERENCE
NAVY - MARINE CORPS LOGISTICS INTEGRATION

Introduction. The increasing importance of Navy and Marine Corps interdependency in both Naval and Joint warfighting environments and the continued need to transform Naval logistics especially under the Sea-Basing construct requires Navy/Marine Corps logistics integration. Therefore by agreement between the Naval Service's Logistics Chiefs, the Navy and Marine Corps will move beyond logistic interoperability and will seek an integration of their Service logistics processes to optimize support to daily operations and future sea-basing.

Purpose. For the Naval Services, this TOR will present specific responsibilities and tasks to initiate the catalysts in the transformation of joint logistics capabilities throughout the Department of Defense through innovative concepts, processes and logistics systems that are integrated into the operational environment. Along these lines, the purpose of this TOR is to establish a basis for Navy and Marine Corps logistics integration and a continuing dialog for issue identification and resolution.

Objective. The overall objective is to achieve a coordinated program to ensure naval logistic capabilities are utilized to their full potential in support of the Naval and Joint Forces under assignment to the Combatant Commanders. To do this, the Navy and Marine Corps agree to work closely together to coordinate/resolve specific matters of mutual concern.

Background. Emerging operational concepts, technologies, processes and organizations will transform the capability of America's Services of the 21st century to conduct distributed, multi-dimensional joint, allied and coalition warfare. Resulting naval capabilities will produce and exploit a dispersed battlespace within which sovereign and sustainable naval, air, ground and space elements form a unified force that projects offensive power and defensive capability. Naval forces will provide unique and complementary warfighting capabilities from the sea to joint force commanders to support their ability to enhance deterrence; secure swift, decisive military victory; and strengthen the peace. It is within this backdrop of unprecedented multi-dimensional joint warfare that the Navy and Marine Corps will integrate Naval logistics.

Tasking. A Naval Logistics Integration Group will be formed as an official and continuing forum to address prioritized Navy and Marine Corps issues related to improving Naval logistics with a focus on supporting sea-based operations. Tasks and schedules will be jointly approved, and modified by the Deputy Chief of Naval Operations (Fleet Readiness and Logistics) (N4) and Deputy Commandant for Installations and Logistics (DC I&L). Approved recommendations will be translated into guidance and action by the Services within their existing organizations. Specific areas of mutual concern are:

Logistics Systems, Enterprise Resource Planning (ERP), & Inventory Management
Logistic Policies, Procedures, and Doctrine
Common Logistics Support Organizations
Training and Education
Naval Distribution
Common Intermodal Naval Packaging
Naval Engineers
Science & Technology and Experimentation
Automatic Identification Technology (AIT)
Logistics Transformation Initiatives

Membership. The Naval Logistics Integration Group will be made up of senior leaders and subject matter experts from the Navy and Marine Corps who will be empowered to develop specific solutions/approaches and make recommendations to N4 and DC (I&L) on the issues discussed. It will be co-chaired by the Director, Supply, Ordnance and Logistics Operations Division (OPNAV/N41) and Director, Logistics Plans, Policies, and Strategic Mobility Division (HQMC/LP). Membership will be drawn from ASN (RD&A) DASN (Acquisition Management), ASN (RD&A) DASN (Logistics), Commander Fleet Forces Command (CFFC), Navy Virtual SYSCOM, COMMARCORLOGCOM, NWDC, MCCDC (EFDC), COMMARCORSYSCOM, the Marine Forces (G-4), and Fleets (N4).

Effective Date. This TOR is effective immediately and will be reviewed periodically to ensure constancy of purpose and proper focus. It shall remain in effect until amended by mutual written agreement between the Marine Corps and Navy.

C. W. Moore, Jr.

Charles W. Moore, Jr.
Vice Admiral, U.S. Navy
Deputy Chief of Naval Operations
(N4) (Fleet Readiness & Logistics)

Richard L. Kelly
Lieutenant General, U.S. Marine Corps
Deputy Commandant for Installations &
Logistics

Guidance

*"Develop a plan to **integrate USN-USMC logistics**, command and control, and intelligence organizations."*

Actions

TOR signed by VADM Moore, Deputy Chief of Naval Operations (Fleet Readiness & Logistics) and LtGen Kelly, Deputy Commandant for Installations & Logistics

- Establishes a basis for Navy and Marine Corps Logistics Integration.
- Forms a NLI working group - Co-chaired by RDML Thompson (OPNAV N41) and BGEN Usher (HQMC/LP)

JEMMS

☐ Approved issue ☐ Work in process by champions ☐ Senior board reviewed ☑ Unapproved issue

ISSUE DESCRIPTION

Topic:
Joint Environmental Material Management Service (JEMMS)

Proposed Champions:
NAVSUP 42 and HQMC/LPV

CHALLENGES

Current challenges to implement include:

- Organizational changes -None
- Capital required – Customer financed reimbursable
- Policy changes required – None
- Integrate with Navy Regional CHRIMP to achieve Additional efficiencies

BENEFITS

- Improves war fighter capabilities
  - GCSS/JTAV
- Increases readiness
  - 95% Effectiveness
- Reduce workload
  - Returns War fighter to war fighting duties
- Best HM business practices
  - CHRIMP endorsed by CNO
  - JEMMS Endorsed by MCLCAT
- A prerequisite for Sea-Basing
  - POE, LFORM and deployment Pack Up Kits
- Produces savings
  - $3.9M Okinawa first year savings

POTENTIAL INTERGRATION PLAN

- Organizations affected:
  Logistics, Environmental, Safety
- Proposed integration time line:
  Site specific
- Proposed metrics for the topic:
  Waste Avoidance
  Procurement Avoidance
  Labor Savings
  Compliance
- Expected alignment achieved:

Aligns Navy/USMC HAZMAT Mgmt by reducing facilities, staff, and HAZWASTE

- Scope of integration: Systems, manning etc.
  RHICS

Summary

- JEMMS Has a Documented Track Record of Success…No Longer Just a Concept.
- Modularity Allows Integration of Best Practices, Though It Works Best in Total.
- Inventory Reduction and Reduced Waste Stream Result.

Questions?

Defense Distribution Center

Forward Stocking Update For Materiel Management and Distribution

Outline

Distribution for Today and Tomorrow!

- Stock Positioning Plan
- Responding to Forwar
Deployed Forces
- Business Case Process
- Forward Positioning Update
- Timelines
- Summary

CAUTION RELEASE
PRESSURE BEFORE
OPENING CONTAINER
JOHN DEERE

Stock Positioning Plan

…Ensuring the Right Inventory is at the Right Locations to Meet Customer Requirements.

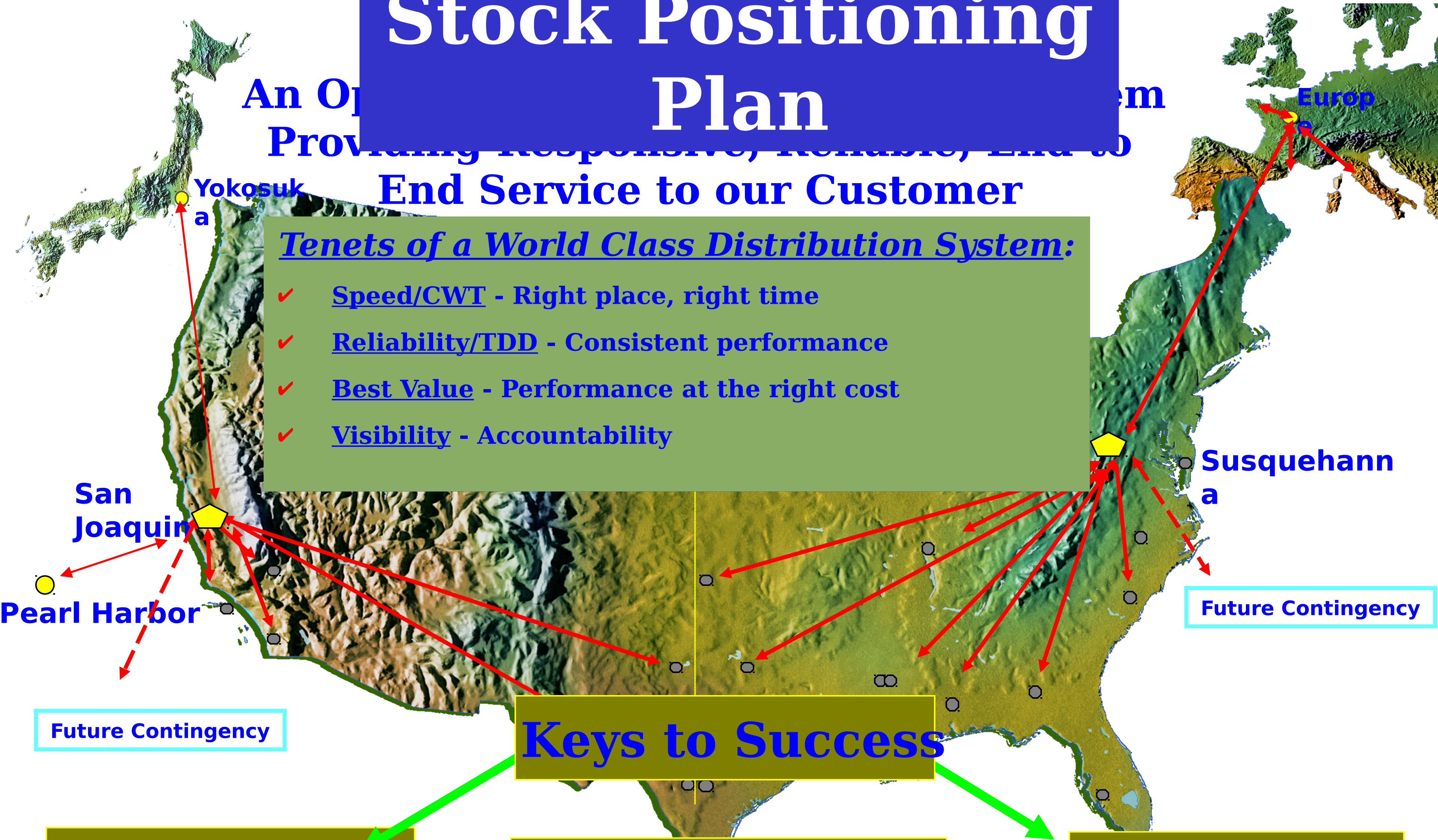
…Making Best Value Decisions.

Focusing on Improved Customer Outcomes…

Reduced Costs, Reduced Wait Times, Improved Readiness and Reduced Logistics

Stock Positioning Plan

An Op em
Providing Responsive, Reliable, End to
End Service to our Customer



Europe
Yokosuka
San Joaquin
Pearl Harbor
Susquehanna
Future Contingency
Future Contingency

Tenets of a World Class Distribution System:

- ✔ **Speed/CWT - Right place, right time**
- ✔ **Reliability/TDD - Consistent performance**
- ✔ **Best Value - Performance at the right cost**
- ✔ **Visibility - Accountability**

Keys to Success

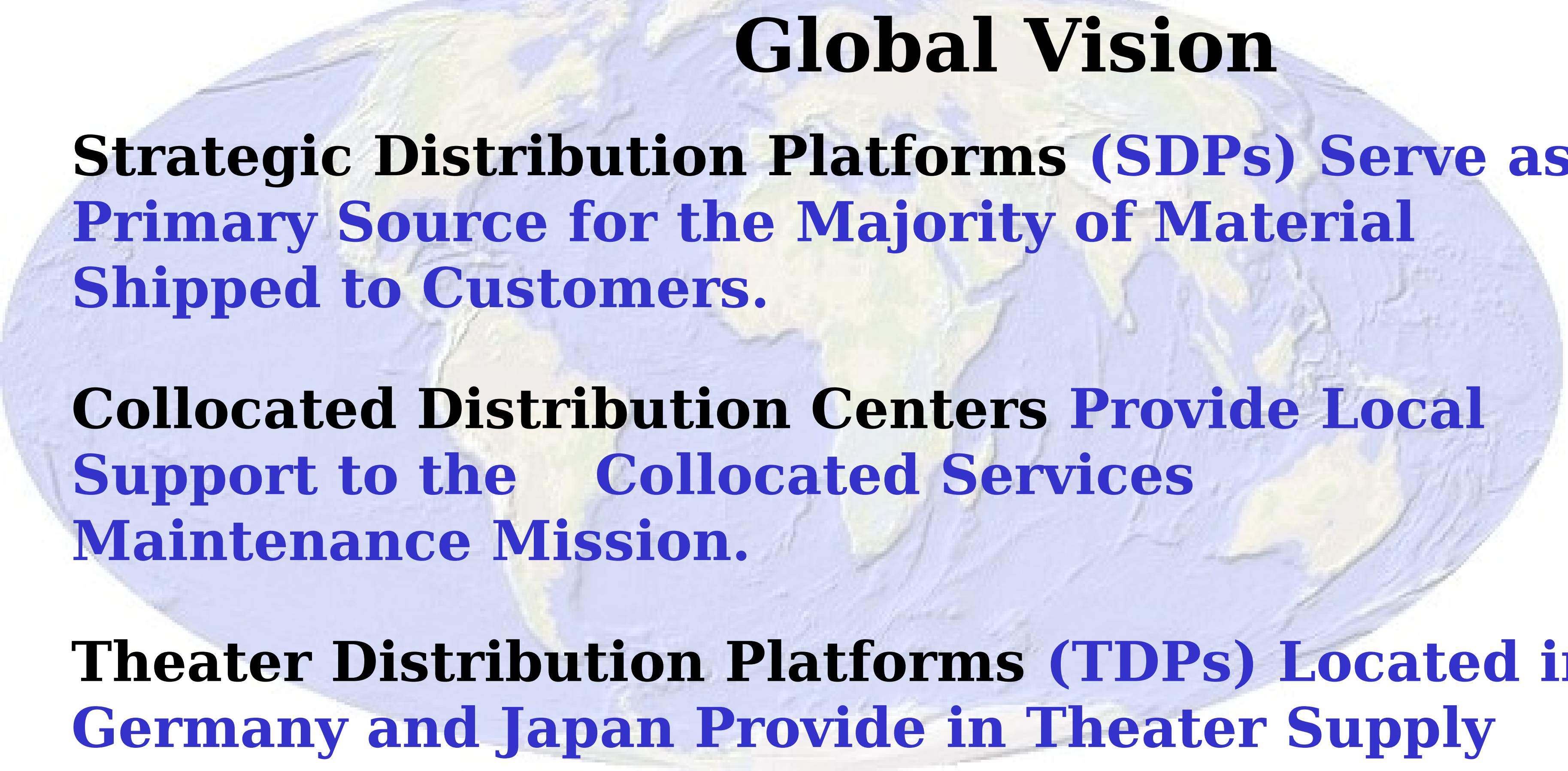
Stock Positioning

Scheduled Transportation

Synchronization

Stock Positioning Plan

Developing the Architecture to Ach Global Vision

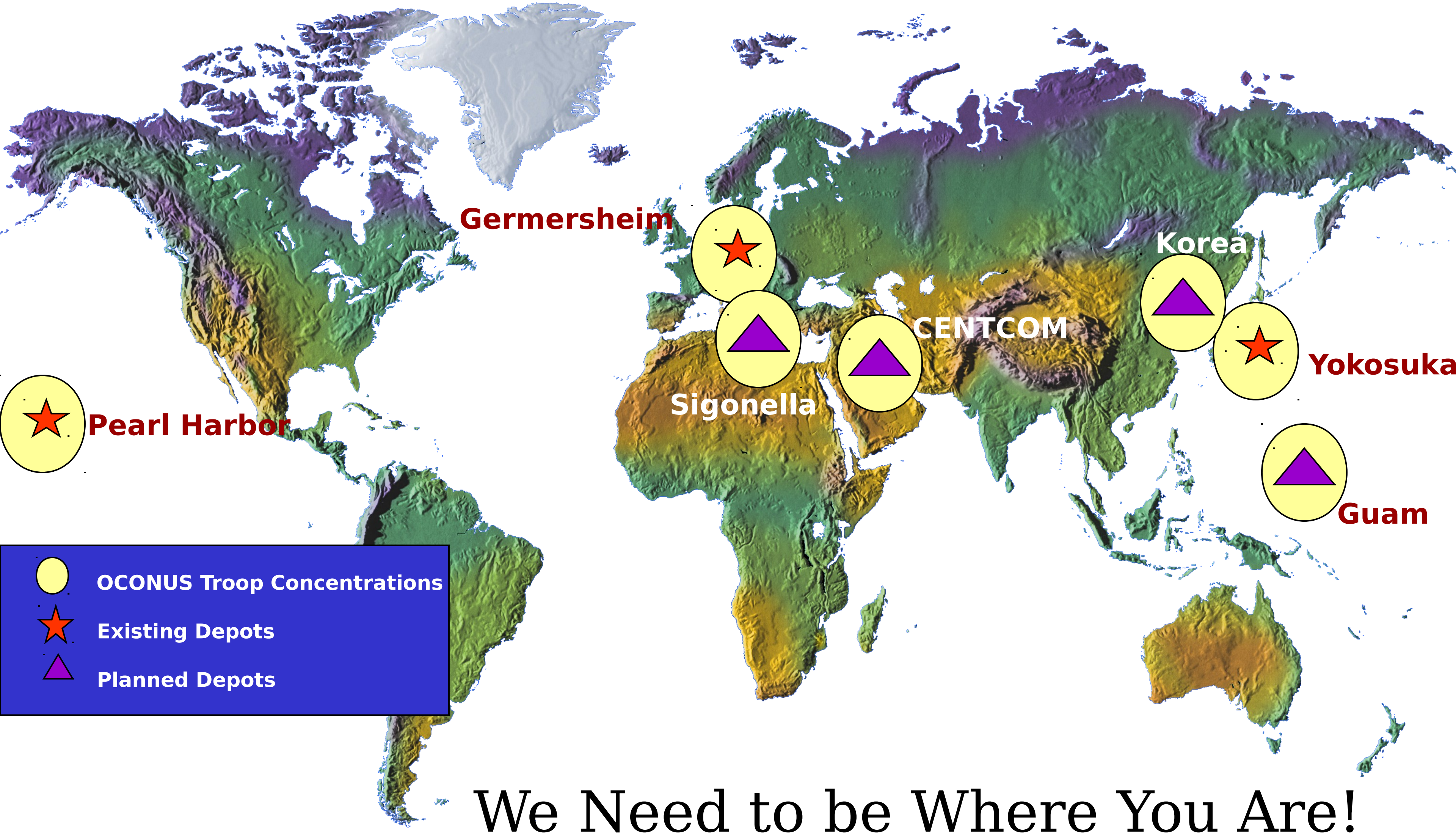


Strategic Distribution Platforms (SDPs) Serve as Primary Source for the Majority of Material Shipped to Customers.

Collocated Distribution Centers Provide Local Support to the Collocated Services Maintenance Mission.

Theater Distribution Platforms (TDPs) Located in Germany and Japan Provide in Theater Supply Support for High Demand or Critical Stock

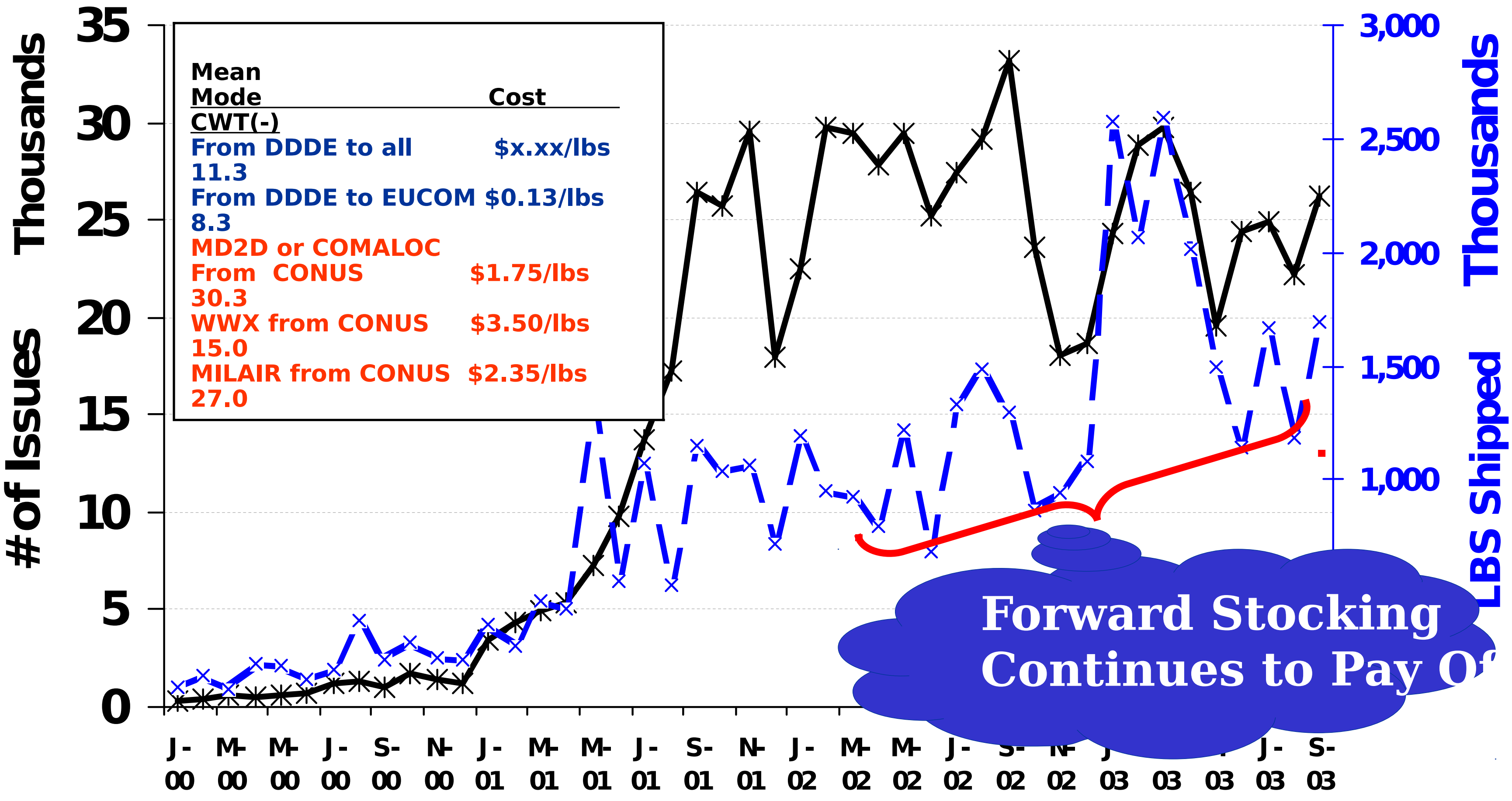
Distribution Support Strategy Responding to Forward Deployed Forces


Germersheim
Korea
CENTCOM
Yokosuka
Sigonella
Pearl Harbor
Guam
● OCONUS Troop Concentrations
★ Existing Depots
▲ Planned Depots

We Need to be Where You Are!

Impact of Forward Stock Positioning in EUCOM

DVDs and GSA excluded (based on month shipped)



Mean Mode	Cost	CWT(-)
From DDDE to all	$x.xx/lbs	11.3
From DDDE to EUCOM	$0.13/lbs	8.3
MD2D or COMALOC From CONUS	$1.75/lbs	30.3
WWX from CONUS	$3.50/lbs	15.0
MILAIR from CONUS	$2.35/lbs	27.0

Forward Stocking Continues to Pay Of

Forward Positioning Business Case Process

- A Rational, Disciplined Approach
- Data Derived Business Decision based on Positive Return on Investment (ROI)
- Goals for Forward Positioning:

✓ **Improved Readiness**
✓ **Reduced Cost**
✓ **Reduced Customer Wai**

Forward Positioning Reduces Stress on Strategic Air System

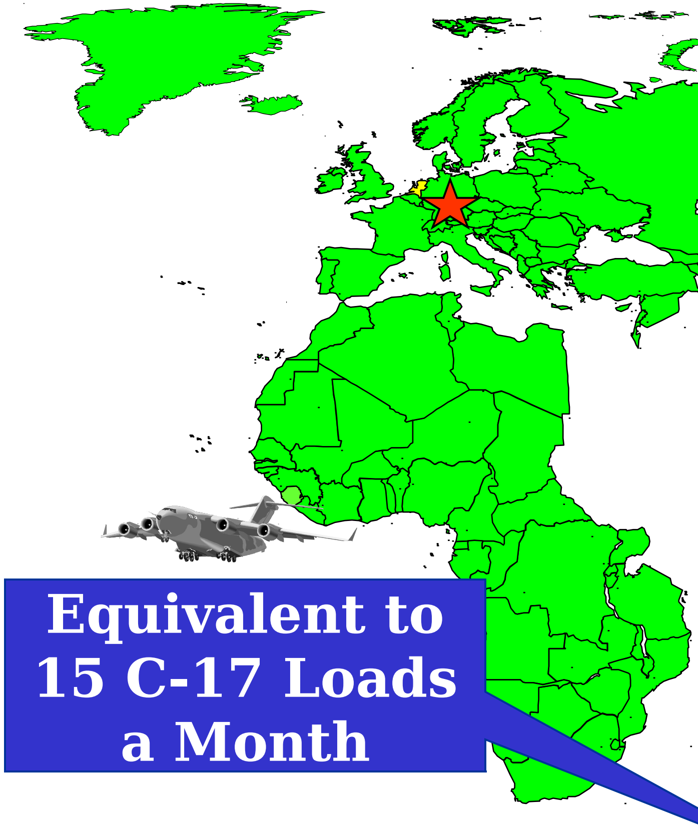
Forward Positioning Business Case Process

- Customer demand scope (DODAACs/UICs)
- Transportation analysis
- Customer Wait Time analy
- Inventory level analysis
- Capacity (cube) impact analysis
- Facility cost analysis

Integrated Process Worked with TRANSCOM, Combatant Command and Service HQs

Determine a positive business case analysis for the customer and DLA

DLA Forward Stock Positioning Germersheim



Equivalent to 15 C-17 Loads a Month

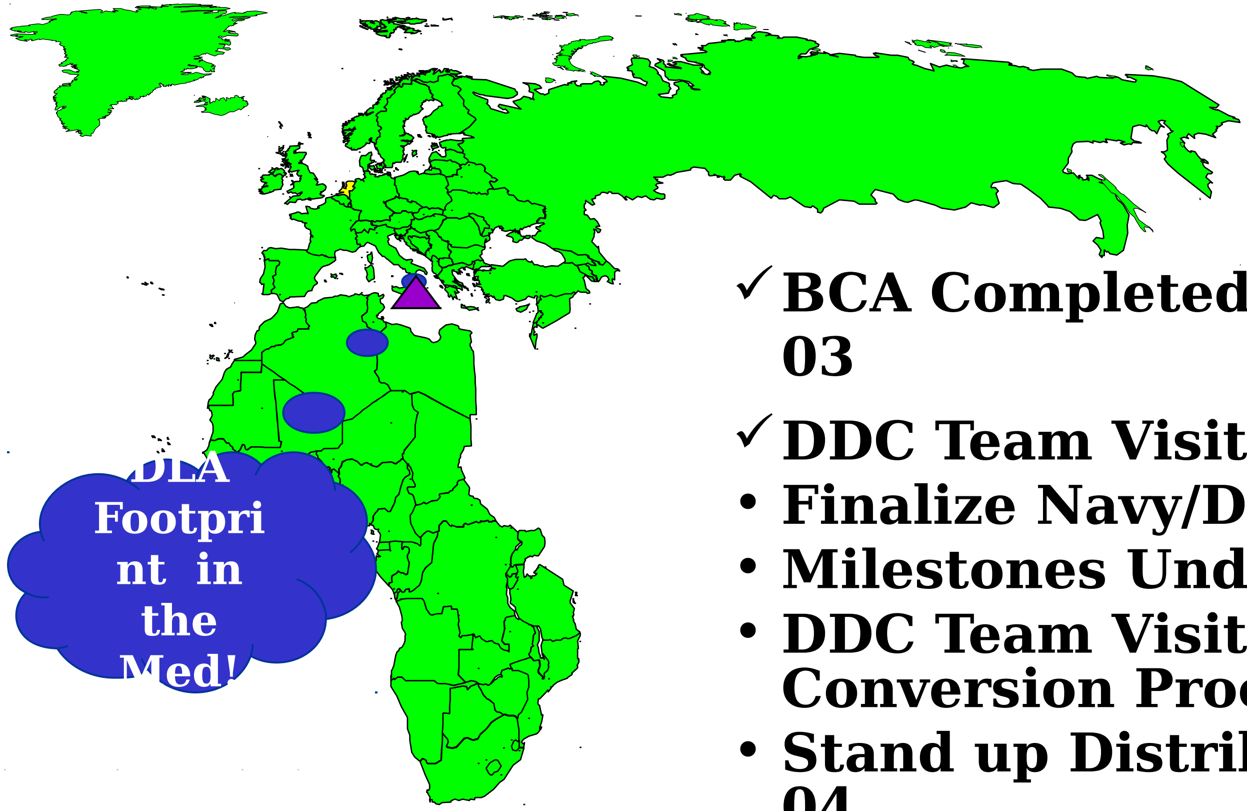
- ✓ Initially moved 26,000 NSNs
- ✓ Increased an additional 4,000 NSNs in Feb 03
- ✓ Decreased CWT from 13.3 CONUS Air to 6.8 days from Germersheim (Aug 03)
- Continue to evaluate Forward Stocking

ICPs

Managed NSNs

Diverting up to 2.5M lbs./month from Air to Surface Channels

DLA Forward Stock Positioning Sigonella

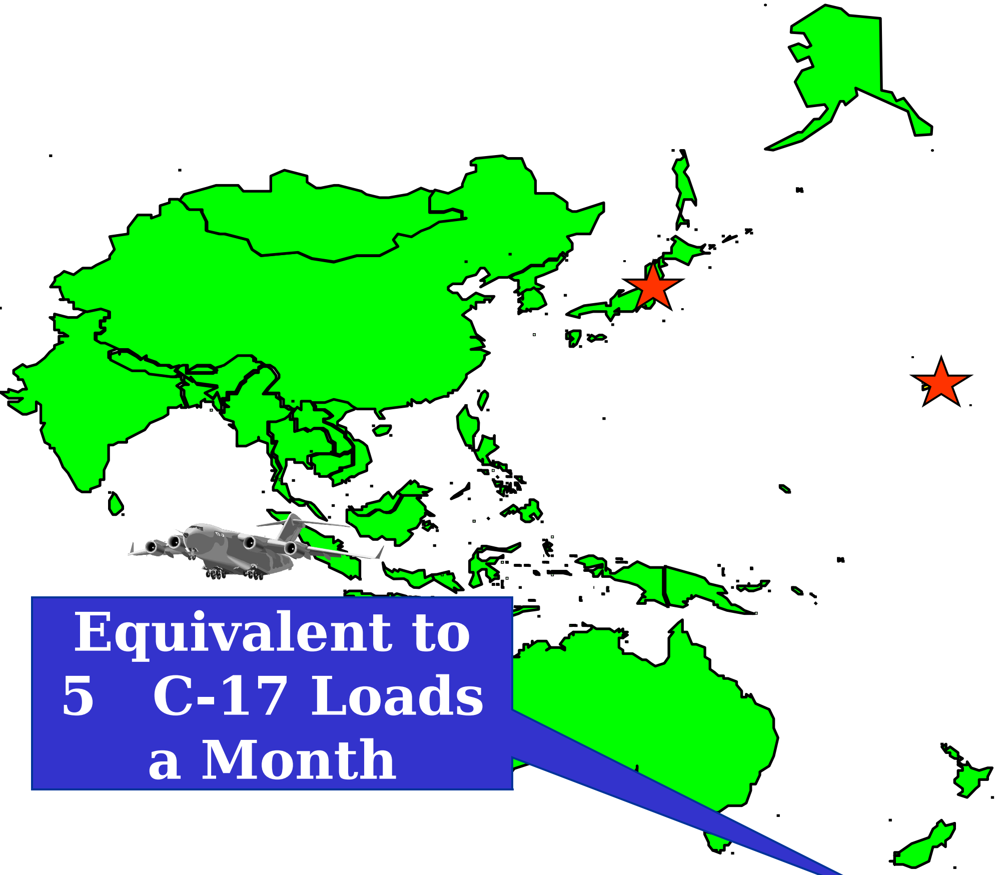


DLA Footprint in the Med!

- ✓ BCA Completed and Approved Apr 03
- ✓ DDC Team Visit Jul 03
- Finalize Navy/DLA MOA (drafted)
- Milestones Under Development
- DDC Team Visit Oct 03-Begin Conversion Process
- Stand up Distribution Center April 04

Goal: Reduce CWT and Improve Distribution

DLA Forward Stock Positioning Yokosuka/Pearl Harbor

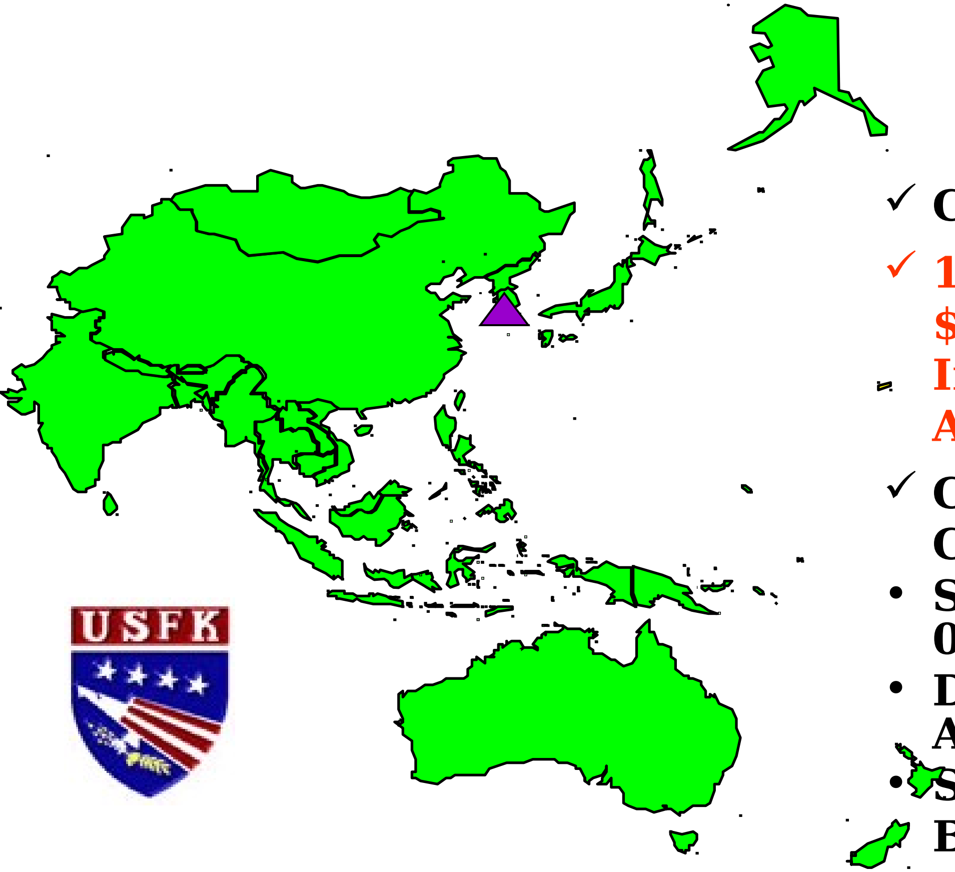


Equivalent to 5 C-17 Loads a Month

- ✓ Moved 20,550 NSNs to Yokosuka
- ✓ Moved 9,172 NSNs to Pearl Harbor
- Analysis complete for additional 2,400 NSNs, Re-distribution underway

Diverting up to 725K lbs./month from Air to Surface

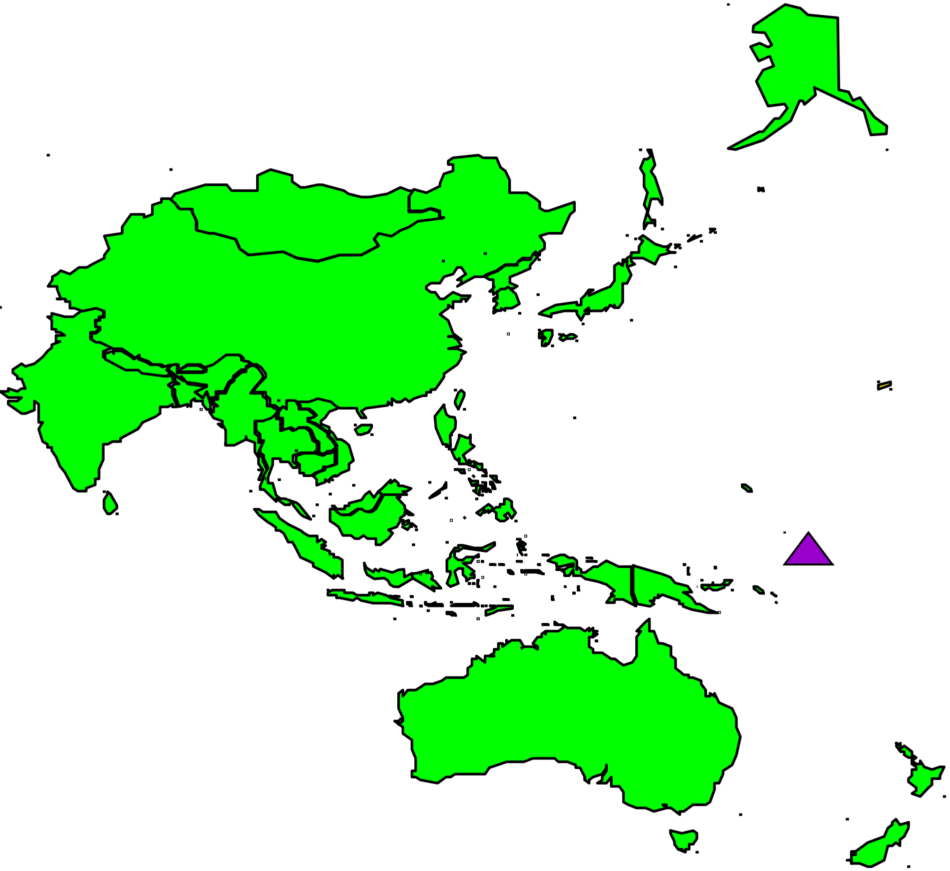
DLA Forward Stock Positioning Korea



- ✓ **Completed Preliminary Analysis July 03**
- ✓ **13,802 NSNs Candidates, Estimated $3.7M Savings in Trans, 50% CWT Improvement Local Issue vs. Premium Air**
- ✓ **CDR 19th TSC, USFK J4, PACOM J4 and Components Concur (Jul 03)**
- **Site Selection Process Completed (Oct 03)**
- **DDC J3 Implementation Team Being Assembled**
- **Site Survey (Nov/Dec 03)**
- **BCA Finalized (Dec 03)**

Goal: Improve Distribution Performance to Korean

DLA Forward Stock Positioning Guam

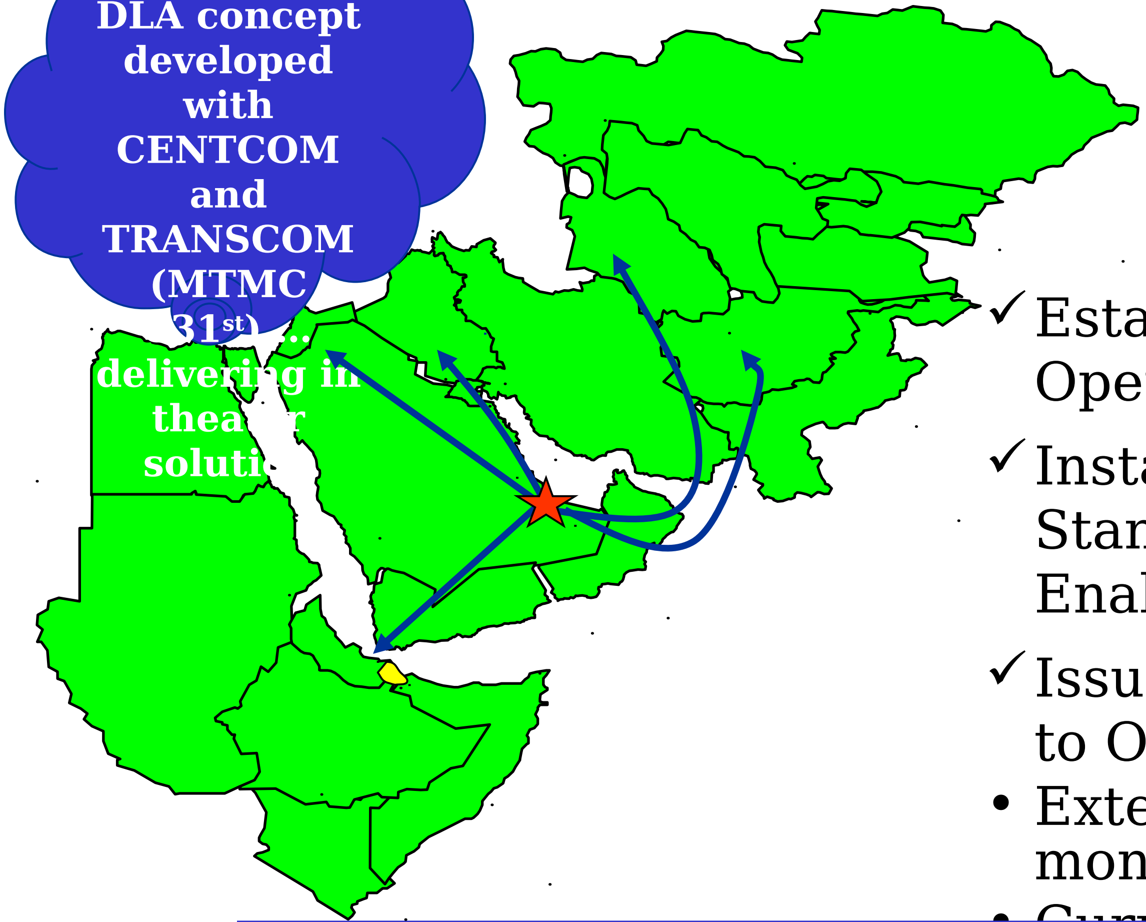


- ✓ Completed Preliminary Analysis June 03
- ✓ 4,200 NSN Candidates, Estimated $1.4M Savings in Trans, 50% CWT Improvement Local Issue vs. Premium Air
- ✓ Briefed analysis to RADM Roesner June 03
- ✓ Letter of Intent Forwarded to COMPACFLT
- Site Survey In Progress
- BCA Finalized (4th Qtr 04)

Goal Establish a Fully Functional Distribution

Forward Stock Positioning

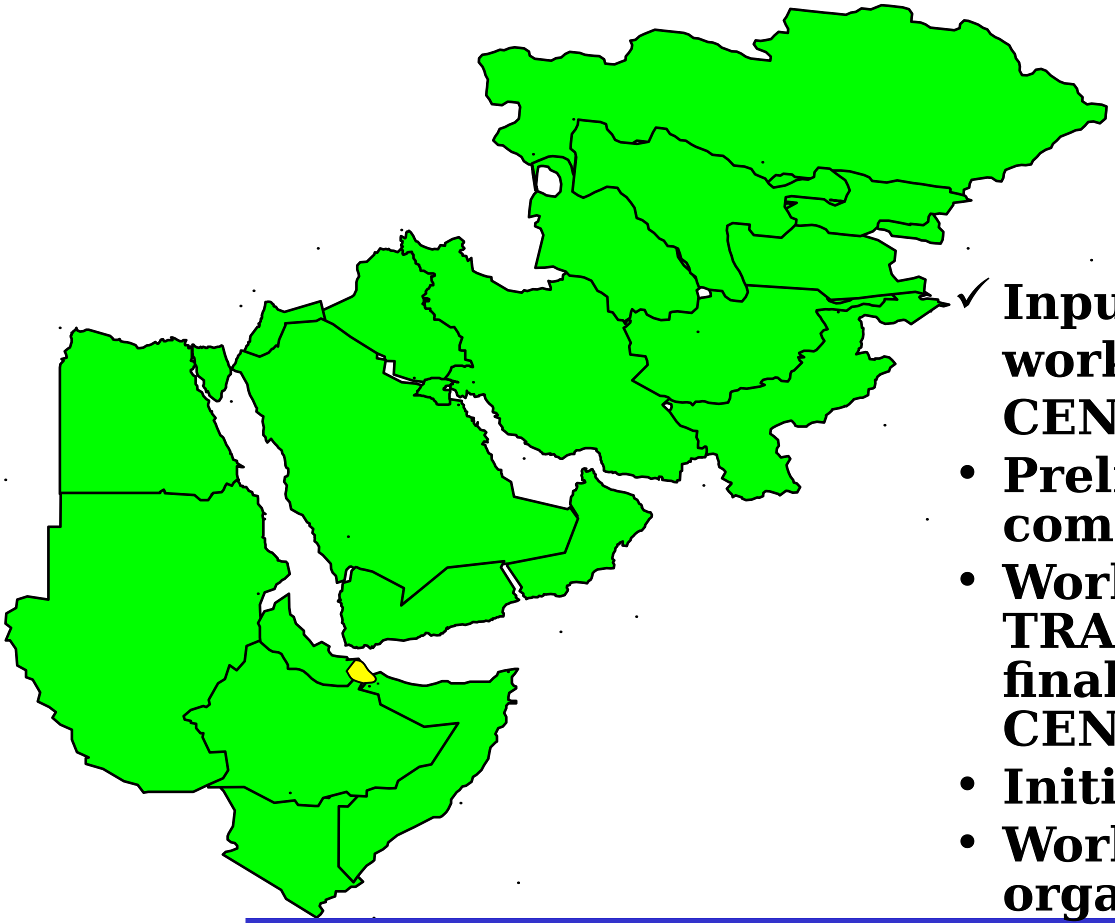
DLA concept developed with CENTCOM and TRANSCOM (MTMC 31st) … delivering in theater solution



- ✓ Established Distribution Operations Jan 03 for Class IV
- ✓ Installed Distribution Standard System (Web Enabled)
- ✓ Issued over 20M lbs. Class IV to OEF/OIF Customers
- Extending current contract 6 months
- Currently working resupply
  with

Goal: Improve Distribution Performance to CENTCOM

Forward Stock Positioning



✓ Input to BCA by NAVCENT… working data from other CENTCOM components

- Preliminary data analysis complete Aug 03
- Working with CENTCOM, TRANSCOM, Service HQ's to finalize locstion to meet CENTCOM J4 Directive
- Initial site survey…TBD
- Working on DLA-SWA organizational and operational concept

Goal: Establish a Fully Functional Distribution Activity in

DLA Forward Stock Positioning

Location	Operational (Est.)
1. Sigonella	Apr 04
2. CENTCOM AOR	Jun 04
3. Korea	Sep 04
4. Guam	Dec 04

DDC Priorities Based on Current Assessment

DLA Forward Stock Positioning Summary

- DLA Forward Stock Positioning reduces cost and improves readiness to the Warfighter
- Germersheim, Pearl Harbor, Yokosuka…building on success
- Sigonella implementation underw
- CENTCOM planning efforts u
- Guam and Korea planning on t

$ 95.0M savings built in POM…More to follow with Future Sites in Korea/CENTCOM/Guam

ward Stocking = Air Speed at Surface Ra

Total Life Cycle Systems Management (TLCSM)
and
Marine Corps Systems Command Product Support

Purpose

Provide an Overview of A/C Product Support's Role in Total Life Cycle Systems Management.

- Definitions
- Mission
- Organization
- Functions
- The Way Ahead

Definitions

TLCSM

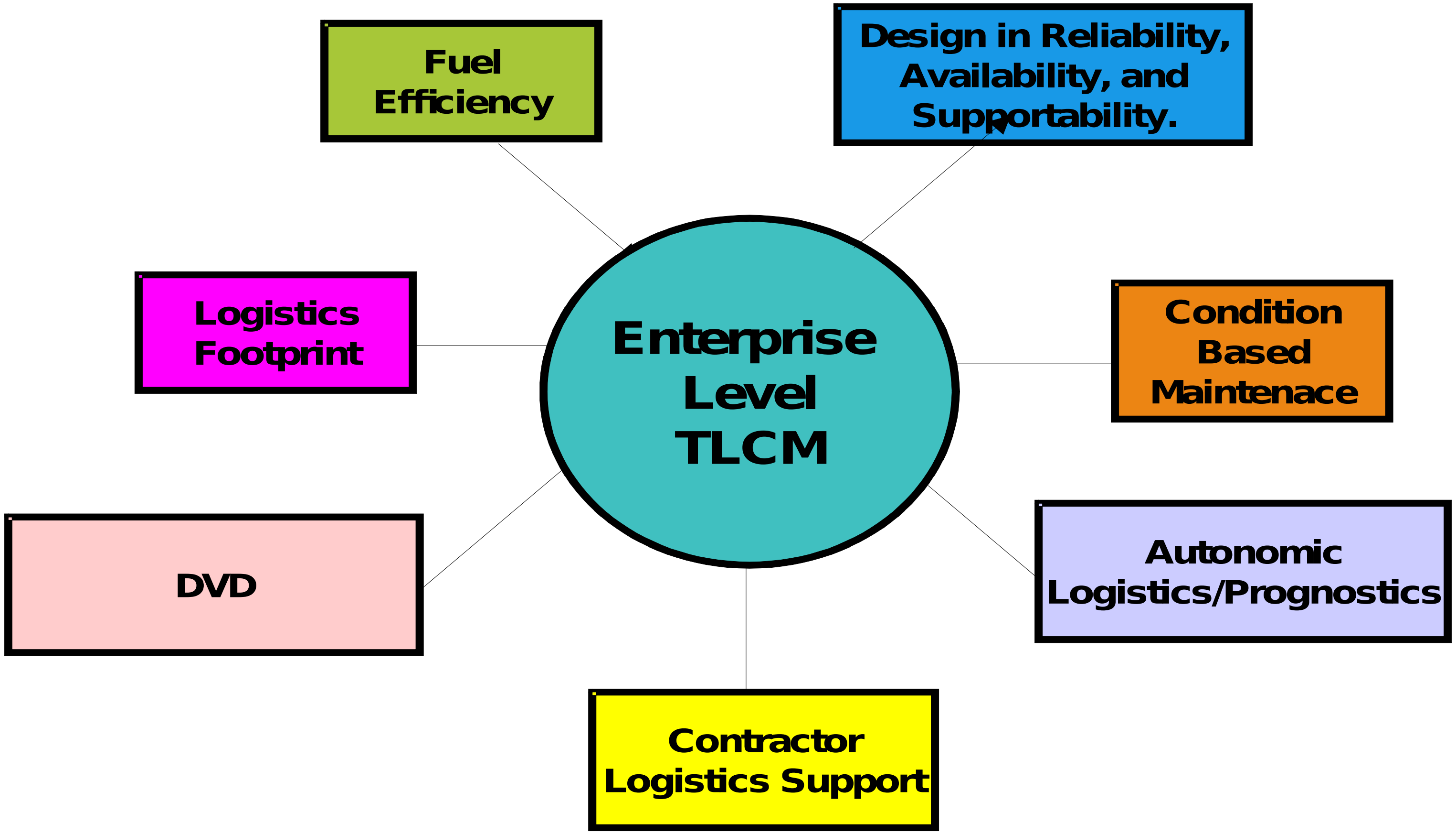
"The implementation, management, and oversight, by the designated Program Manager of all activities associated with the acquisition, development, production, fielding, sustainment, and disposal of a DOD weapons system across its life cycle."

Definitions (cont.)

Enterprise Level TLCM

The formal process to identify, analyze, and implement synergistic solutions that optimize the acquisitions/logistics chain across the Marine Corps in support of the operating forces.

Enterprise Level TLCM Includes:



Enterprise Level TLCM

Fuel Efficiency

Design in Reliability, Availability, and Supportability.

Logistics Footprint

Condition Based Maintenace

DVD

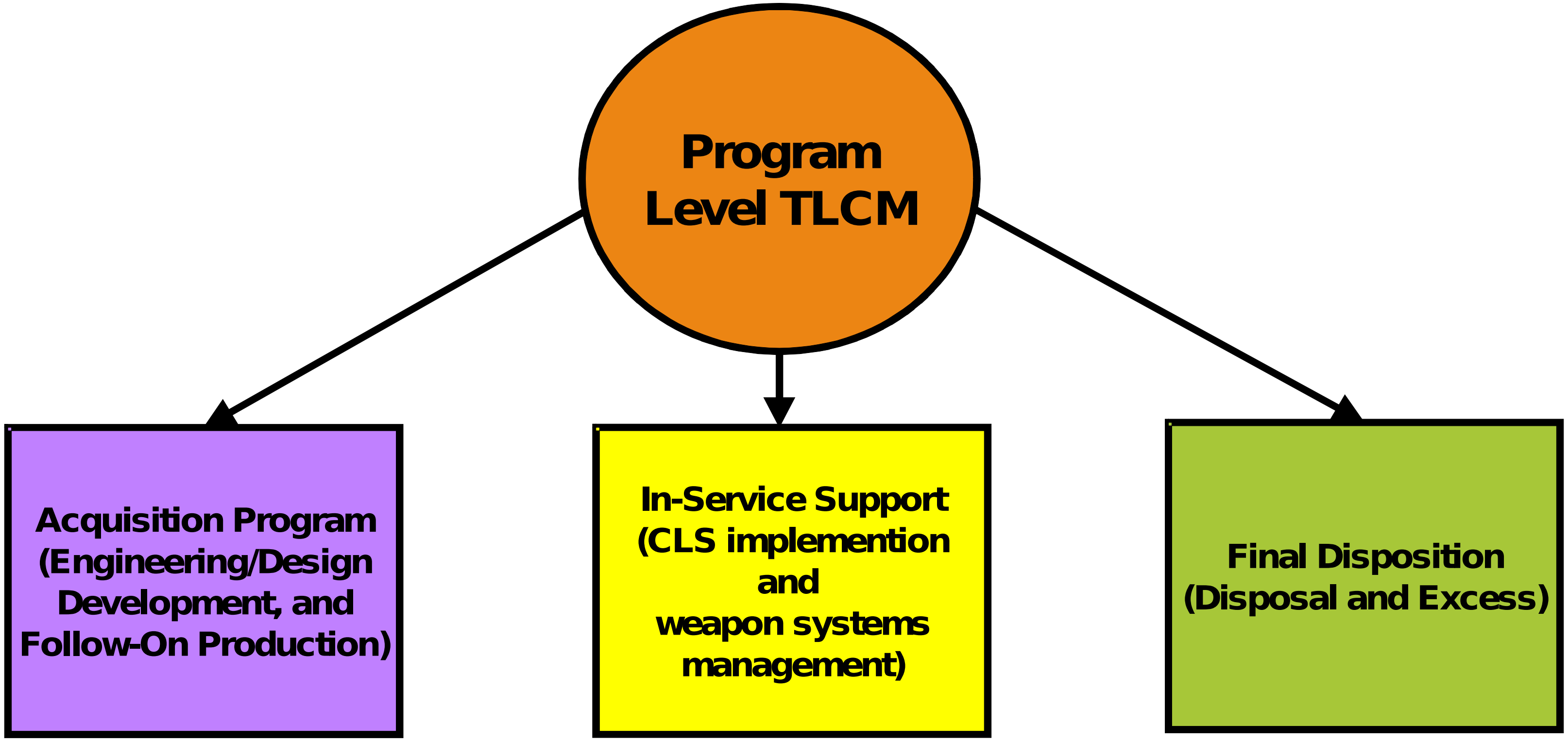
Autonomic Logistics/Prognostics

Contractor Logistics Support

Program Level TLCM

Those Logistics activities that occur during, and as part of the acquisition process, starting at System Development and Demonstration, through in-service support, until final disposition.

Program Level TLCM includes:



Program Level TLCM

Acquisition Program (Engineering/Design Development, and Follow-On Production)

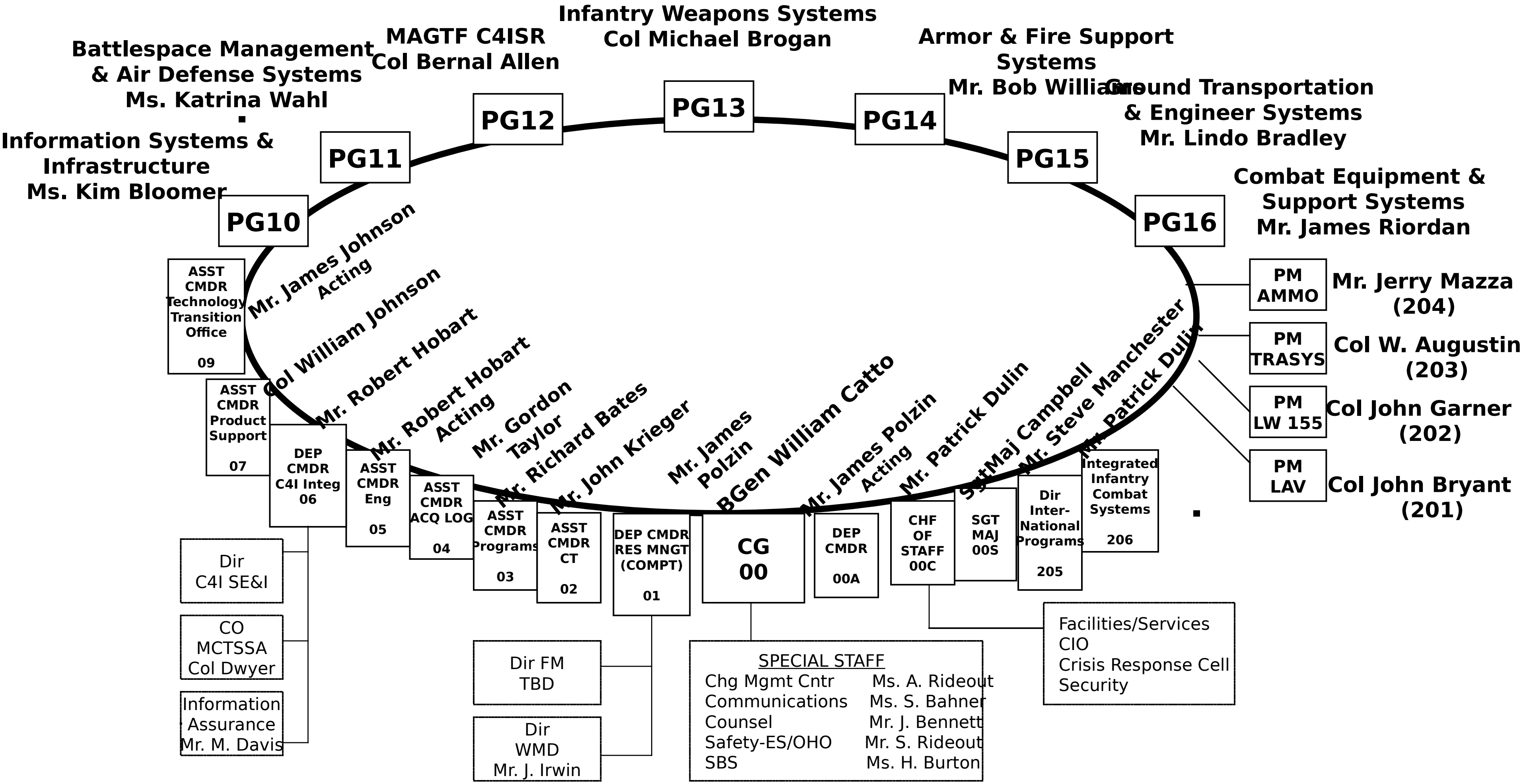
In-Service Support (CLS implemention and weapon systems management)

Final Disposition (Disposal and Excess)

Product Support Mission

Provide staff cognizance, process ownership, and Total Life Cycle Systems Management assessment of the Operations and Support for fielded Marine Corps ground weapons systems.

MARCORSYSCOM ORGANIZATION



Battlespace Management & Air Defense Systems
Ms. Katrina Wahl

MAGTF C4ISR
Col Bernal Allen

Infantry Weapons Systems
Col Michael Brogan

Armor & Fire Support Systems
Mr. Bob Williams

Ground Transportation & Engineer Systems
Mr. Lindo Bradley

Information Systems & Infrastructure
Ms. Kim Bloomer

Combat Equipment & Support Systems
Mr. James Riordan

PG10 **PG11** **PG12** **PG13** **PG14** **PG15** **PG16**

PM AMMO — **Mr. Jerry Mazza (204)**
PM TRASYS — **Col W. Augustin (203)**
PM LW 155 — **Col John Garner (202)**
PM LAV — **Col John Bryant (201)**

Mr. James Johnson Acting
Col William Johnson
Mr. Robert Hobart
Mr. Robert Hobart Acting
Mr. Gordon Taylor
Mr. Richard Bates
Mr. John Krieger
Mr. James Polzin
BGen William Catto
Mr. James Polzin Acting
Mr. Patrick Dulin
SgtMaj Campbell
Mr. Steve Manchester
Mr. Patrick Dulin

ASST CMDR Technology Transition Office 09
ASST CMDR Product Support 07
DEP CMDR C4I Integ 06
ASST CMDR Eng 05
ASST CMDR ACQ LOG 04
ASST CMDR Programs 03
ASST CMDR CT 02
DEP CMDR RES MNGT (COMPT) 01
CG 00
DEP CMDR 00A
CHF OF STAFF 00C
SGT MAJ 00S
Dir Inter-National Programs 205
Integrated Infantry Combat Systems 206

Dir C4I SE&I

CO MCTSSA Col Dwyer

Information Assurance Mr. M. Davis

Dir FM TBD

Dir WMD Mr. J. Irwin

SPECIAL STAFF

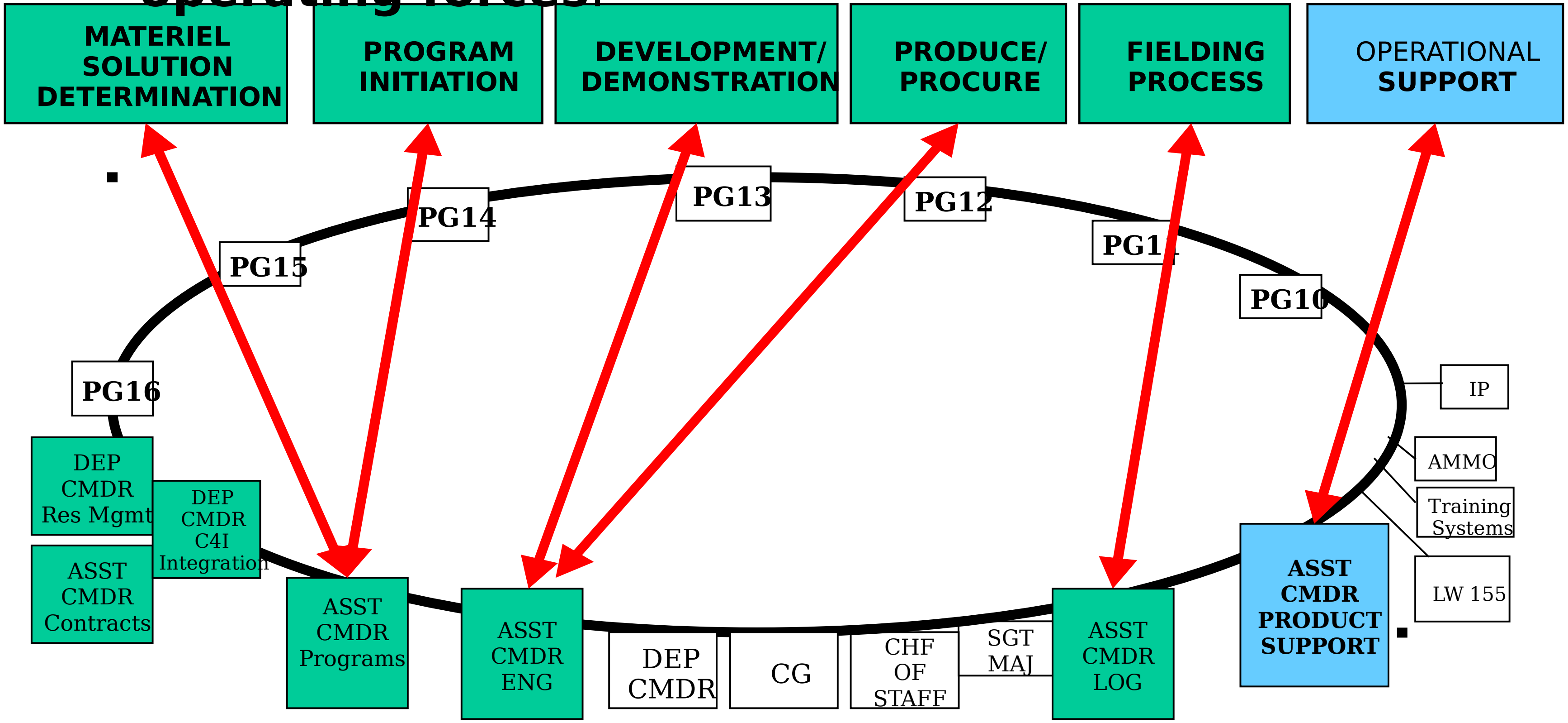
Chg Mgmt Cntr	Ms. A. Rideout
Communications	Ms. S. Bahner
Counsel	Mr. J. Bennett
Safety-ES/OHO	Mr. S. Rideout
SBS	Ms. H. Burton

Facilities/Services
CIO
Crisis Response Cell
Security

Revised
6 Aug 03

Organizational Context

Closes the loop providing service to the Program Managers in all six MCSC Core Processes. Single Operations and Support staff link for collaboration with MCCDC, I&L, MCLC and the operating forces.



MATERIEL SOLUTION DETERMINATION

PROGRAM INITIATION

DEVELOPMENT/ DEMONSTRATION

PRODUCE/ PROCURE

FIELDING PROCESS

OPERATIONAL **SUPPORT**

PG16

PG15

PG14

PG13

PG12

PG11

PG10

DEP CMDR Res Mgmt

DEP CMDR C4I Integration

ASST CMDR Contracts

ASST CMDR Programs

ASST CMDR ENG

DEP CMDR

CG

CHF OF STAFF

SGT MAJ

ASST CMDR LOG

ASST CMDR PRODUCT SUPPORT

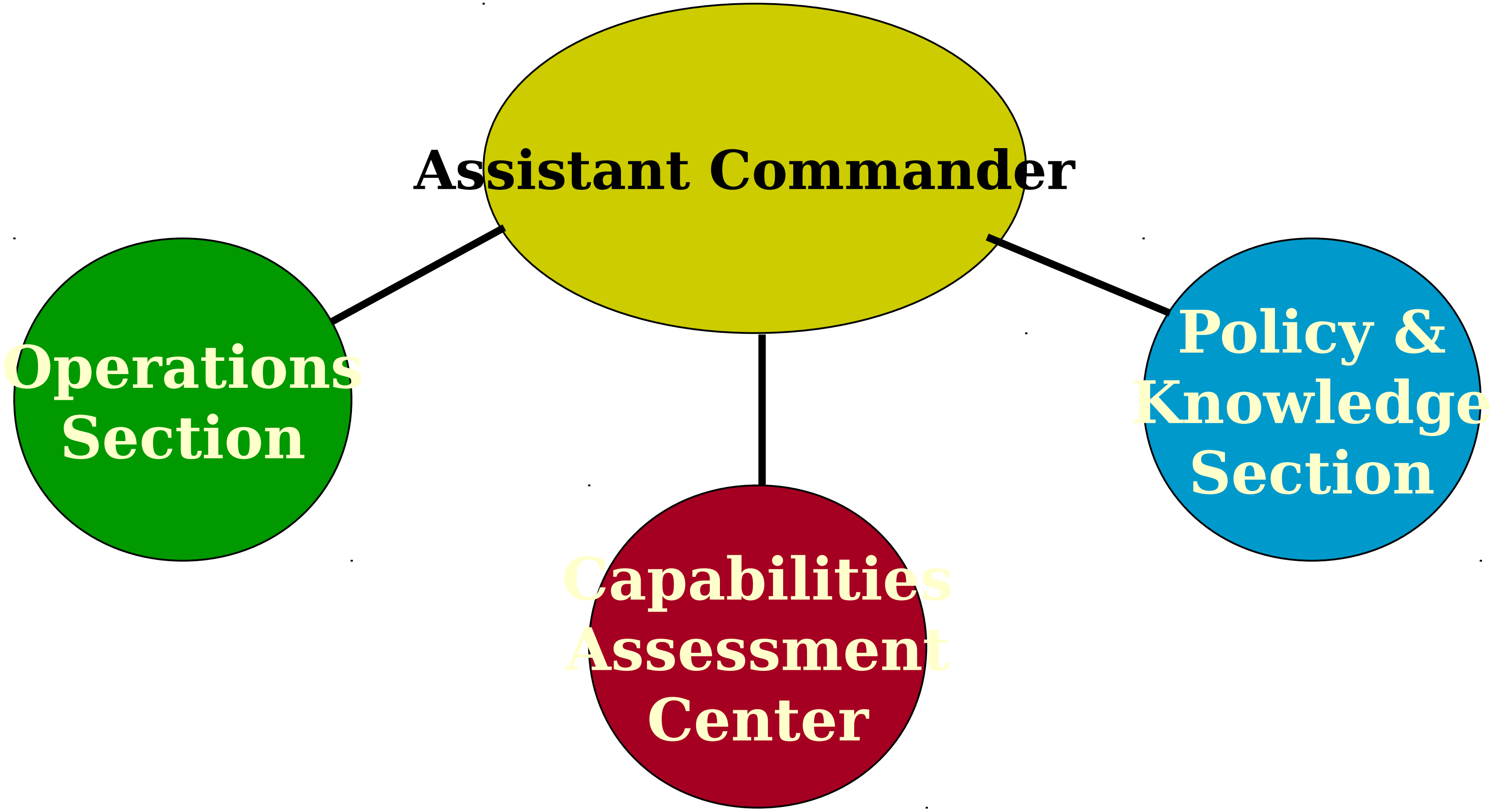
IP

AMMO

Training Systems

LW 155

Organizational Structure



Assistant Commander

Operations Section

Capabilities Assessment Center

Policy & Knowledge Section

Organizational Structure

Policy & Knowledge Section

- Team Leader- Program Analyst NH-343-IV
Materiel Management Officer- 9662 Major
Materiel Management Officer- 9662 Captain
Logistics Officer- 0402 Lieutenant
Logistician- NH-346-III
General Engineer- NH-801-

Assistant Commander 9904 Col

Capabilities Assessment Center

Team Leader- Logistician NH-346-IV

(3) OR Analyst- NH-1515- IV

OR Analyst- 96509652 LtCol

(3) OR Analyst- NH- 1515- III

Program Analyst- NH- 343- III

Information Technology Specialist- NH 2210-III

OR Analyst- 9650/9652 Captain

Materiel Management Officer- 9662 Captain

Operations Section

- Team Leader – 9910 LtCo
Office Manager – NH-341-
Logistician – NH-346-III

- Hired

Functions

Operations

- **Collaborates with:**
  - **The PGDs and A/Cs Eng, Log, and Prog in sustainment planning activities.**
  - **OPFOR LNOs, PMs, MCLC, and DLA CSRS/Customer Account Manager in sustainment issues.**
- **Coordinates with Crisis Response Cells at I&L and MCLC.**
- **Provides representation to OSD, DON, I&L, MCCDC, MCLC, OPFOR Working Groups**

Functions

Capabilities Assessment

- Conducts
  - TLCSM Assessments including Reliability, Availability, Maintainability, and Total Ownership Cost Analyses.
  - Phase-In, Phase-out Transition Studies; Independent systems support analyses; and Depot maintenance funding impact assessments.
- Establishes policy and processes to conduct TLCSM studies and analyses.
- Provides data for OSD, Service Readiness Reports, i.e., NGRER, QRRC, MCBul 3000.

Functions

Capabilities Assessment (cont.)

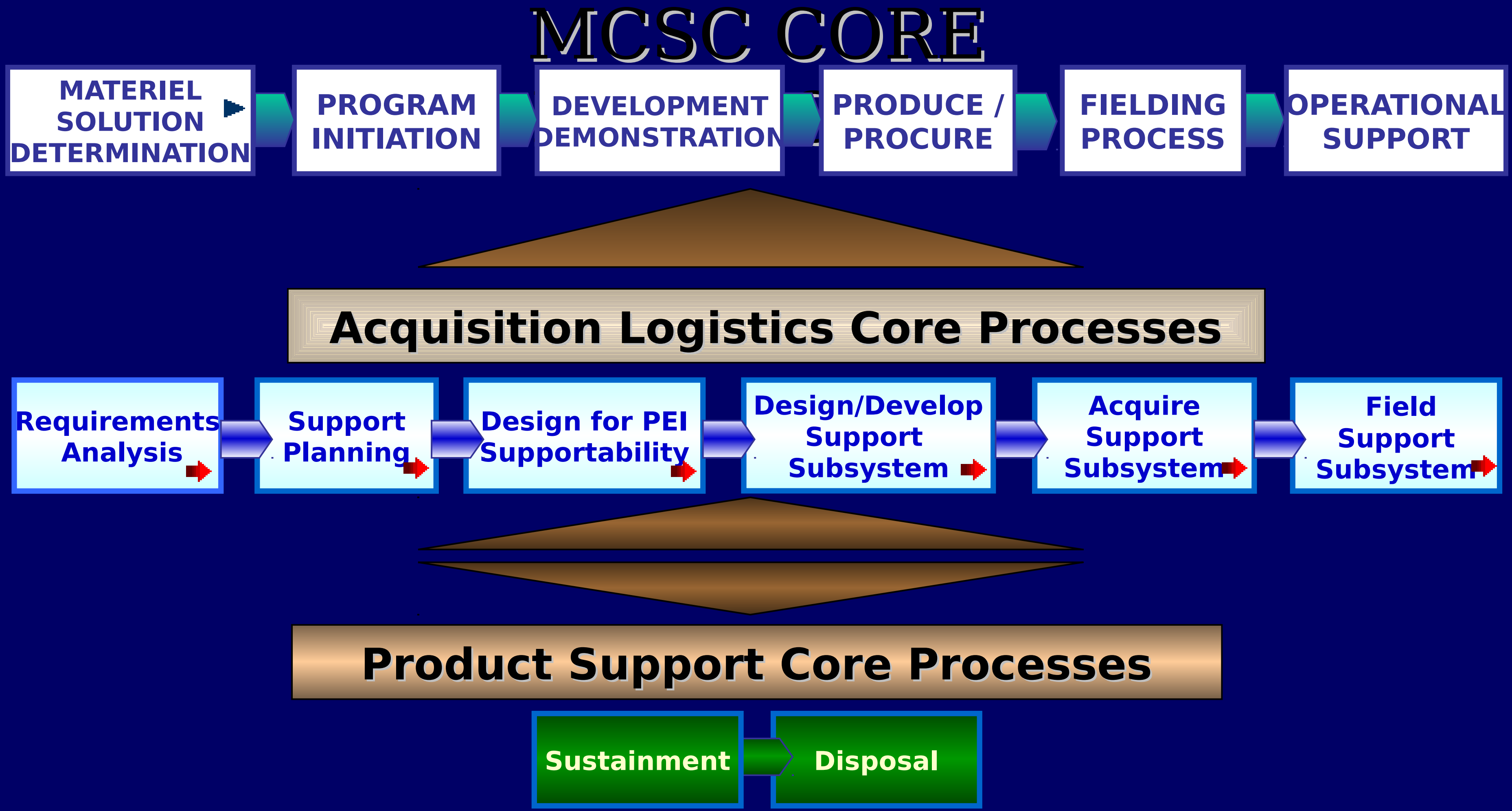
- **Conducts Historical Trend and Predictive Readiness Analyses.**
- **Assists I&L and MCLC in Enterprise Level Readiness issues.**
- **Supports I&L and collaborates with PP&O, MCCDC, MCLC, and OPFORS in coordinating and conducting quarterly materiel readiness briefings.**
- **Provides In-Stores Readiness Analysis for CINC Assessments, Presidential Draw downs, and Reserve Readiness Assessments.**

Functions

Policy and Knowledge

- Ensures that support of the warfighter is a key consideration in other LCM core processes.
- Develops and Maintains A/C Prod Business Plan.
- Exercises process ownership of MCSC/assigned MCLC Operations and Support processes
- Provides knowledge base and training to ensure PMOs have the necessary information, skills and tools to conduct effective and efficient operations and support management.
- Establishes and Maintains an A/C Prod Knowledge Center
- Staffs and determines the impact of emerging OSD, DON and Service policy.

Process Context



MCSC CORE

MATERIEL SOLUTION DETERMINATION → PROGRAM INITIATION → DEVELOPMENT DEMONSTRATION → PRODUCE / PROCURE → FIELDING PROCESS → OPERATIONAL SUPPORT

Acquisition Logistics Core Processes

Requirements Analysis → Support Planning → Design for PEI Supportability → Design/Develop Support Subsystem → Acquire Support Subsystem → Field Support Subsystem

Product Support Core Processes

Sustainment → Disposal

Inputs

Product Baseline

System Support Package
- Annual Support Cost Estimate
- LCE
- Inherent RAM
- IIP Data

Logistics Support Agreements
- CLS
- Warranty
- PBAs

P31 Plan (if applicable)

Post Production Support Plan

Post Fielding Evaluation

Sustainment

Outputs

TLCM Metrics
- Readiness
- Achieved RAM
- Sustainability
- TOC
- Safety

Configuration Management

Disposal Plan

Capability Assessment

- **Readiness**
- **RAM**
- **Sustainability**

PQDR

NAVMC 10772s

DLA 339s

SARs

Feedback Mechanisms

Inputs

Phase-In/Phase-Out Plan

MOA/Contract Disposition

Safety Assessment Report (SAR)

National Environmental Policy Act (NEPA)

ULSS (Fielding Baseline)

WIR

FMS

AAO Modification/Deletion

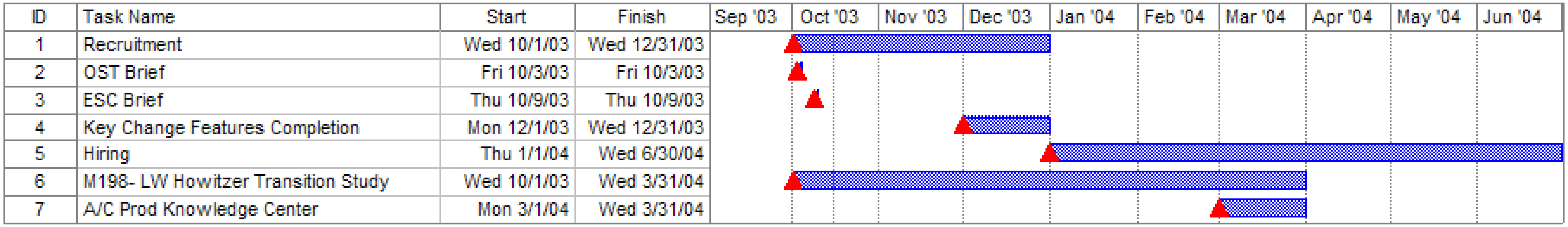
Disposal

Outputs

FMS Support

Resources for Recapitalization

The Way Ahead



ID	Task Name	Start	Finish
1	Recruitment	Wed 10/1/03	Wed 12/31/03
2	OST Brief	Fri 10/3/03	Fri 10/3/03
3	ESC Brief	Thu 10/9/03	Thu 10/9/03
4	Key Change Features Completion	Mon 12/1/03	Wed 12/31/03
5	Hiring	Thu 1/1/04	Wed 6/30/04
6	M198- LW Howitzer Transition Study	Wed 10/1/03	Wed 3/31/04
7	A/C Prod Knowledge Center	Mon 3/1/04	Wed 3/31/04

- **Business Plan ~** ICW update of the Command Strategic Business Plan currently underway.
- **Operations and Support Processes Handbook~** TBD
- **OSD FLE ~ TLCSM, PBL, & UID; Marine Corps Logistics Modernization ~**

  ROM, PMCS Reduction ~ TBD
- **CASC Tools in MCSC IDE ~** TBD

Questions?

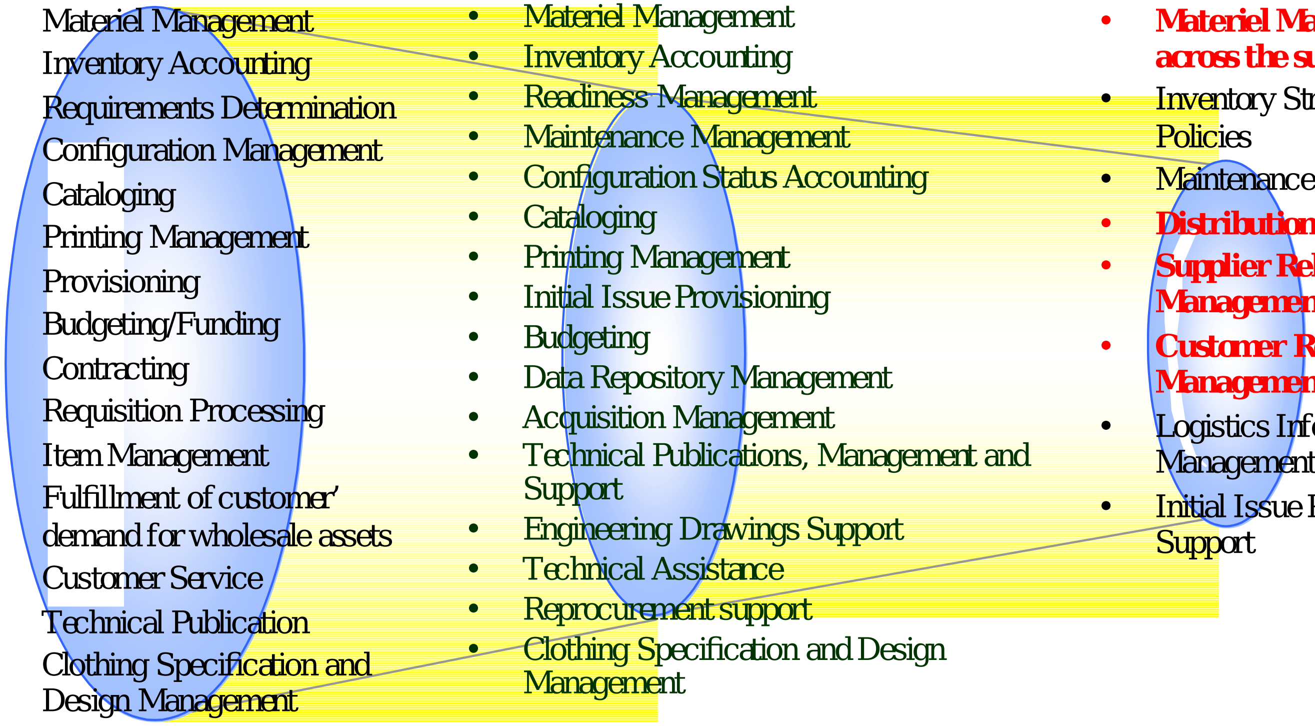
MARINE CORPS LOGISTICS COMMAND

Supply Chain Management Center

30 October 2003

Presented by: Colonel M. E. Rudolph

ICP vs WSM vs SCM



ICP Functions

- Materiel Management
- Inventory Accounting
- Requirements Determination
- Configuration Management
- Cataloging
- Printing Management
- Provisioning
- Budgeting/Funding
- Contracting
- Requisition Processing
- Item Management
- Fulfillment of customer' demand for wholesale assets
- Customer Service
- Technical Publication
- Clothing Specification and Design Management

PM/WSM Functions

- Materiel Management
- Inventory Accounting
- Readiness Management
- Maintenance Management
- Configuration Status Accounting
- Cataloging
- Printing Management
- Initial Issue Provisioning
- Budgeting
- Data Repository Management
- Acquisition Management
- Technical Publications, Management and Support
- Engineering Drawings Support
- Technical Assistance
- Reprocurement support
- Clothing Specification and Design Management

SCM Functions

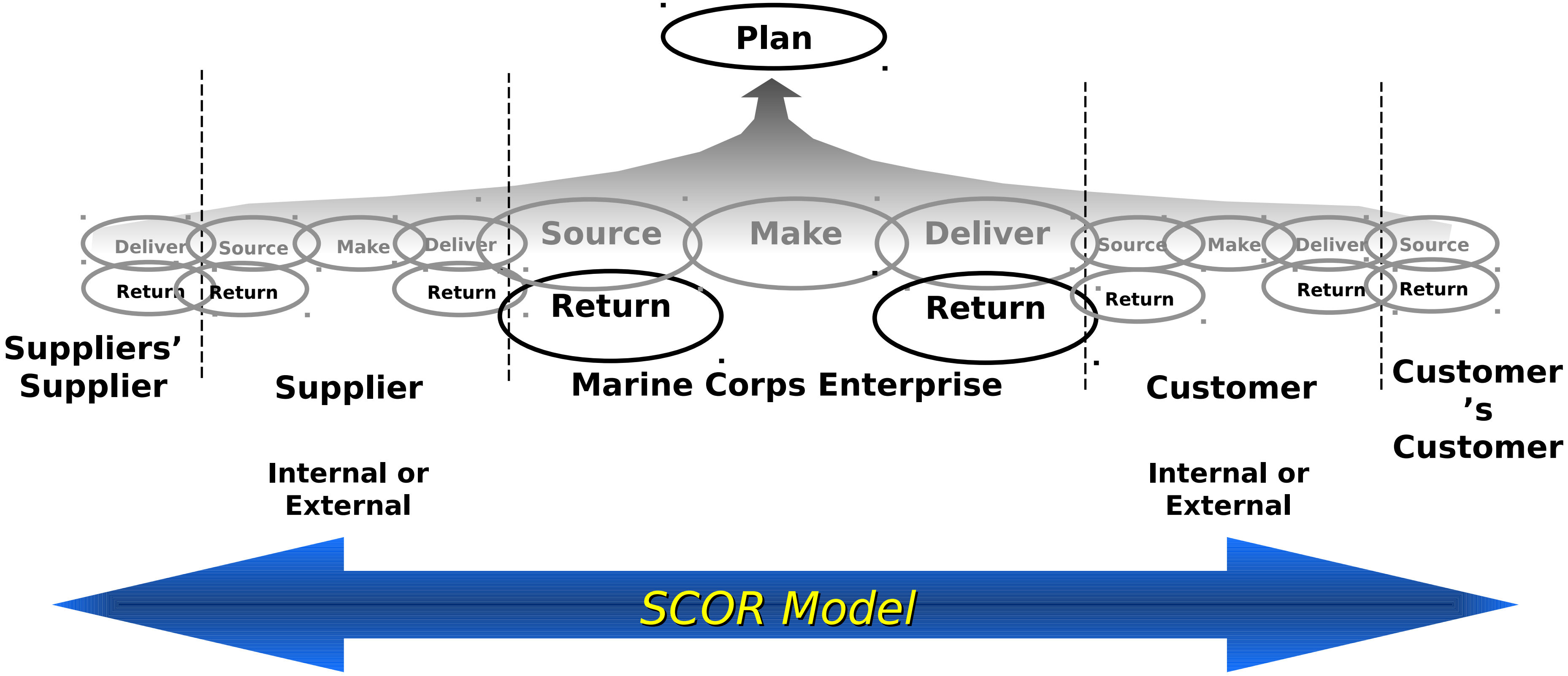
- **Materiel Management across the supply chain**
- Inventory Strategies and Policies
- Maintenance Planning
- **Distribution** Planning
- **Supplier Relationship Management**
- **Customer Relationship Management**
- Logistics Information Management
- Initial Issue Provisioning Support

Balance Peacetime Efficiencies with Wartime Effectiveness

SCMC Change Management App

- ✓ **Document Processes (As-Is) . . . hadn’t been done since 1983**
- ✓ **USMC Logistics Operational Architecture (OA)**
- ✓ **Use SCOR Model to:**
  - ✓ **Build on OA**
  - ✓ **Reengineer SCMC As-Is to New Processes**
- ✓ **Align SCMC organization to enable new processes**
- ✓ **SCMC is now organized around PROCESSES!**
- ☐ **Linking SCMC new processes to SYSCOM (PPSM)**
- ☐ **Working with LPC/D to transfer Distribution Management to SCMC – LOGCOM**

Supply Chain Operations Reference (SCOR) Model


Plan
Deliver
Source
Make
Deliver
Source
Make
Deliver
Source
Make
Deliver
Source
Return
Return
Return
Return
Return
Return
Return
Return
SCOR Model

Suppliers' Supplier

Supplier

Internal or External

Marine Corps Enterprise

Customer

Internal or External

Customer's Customer

Building Block Approach

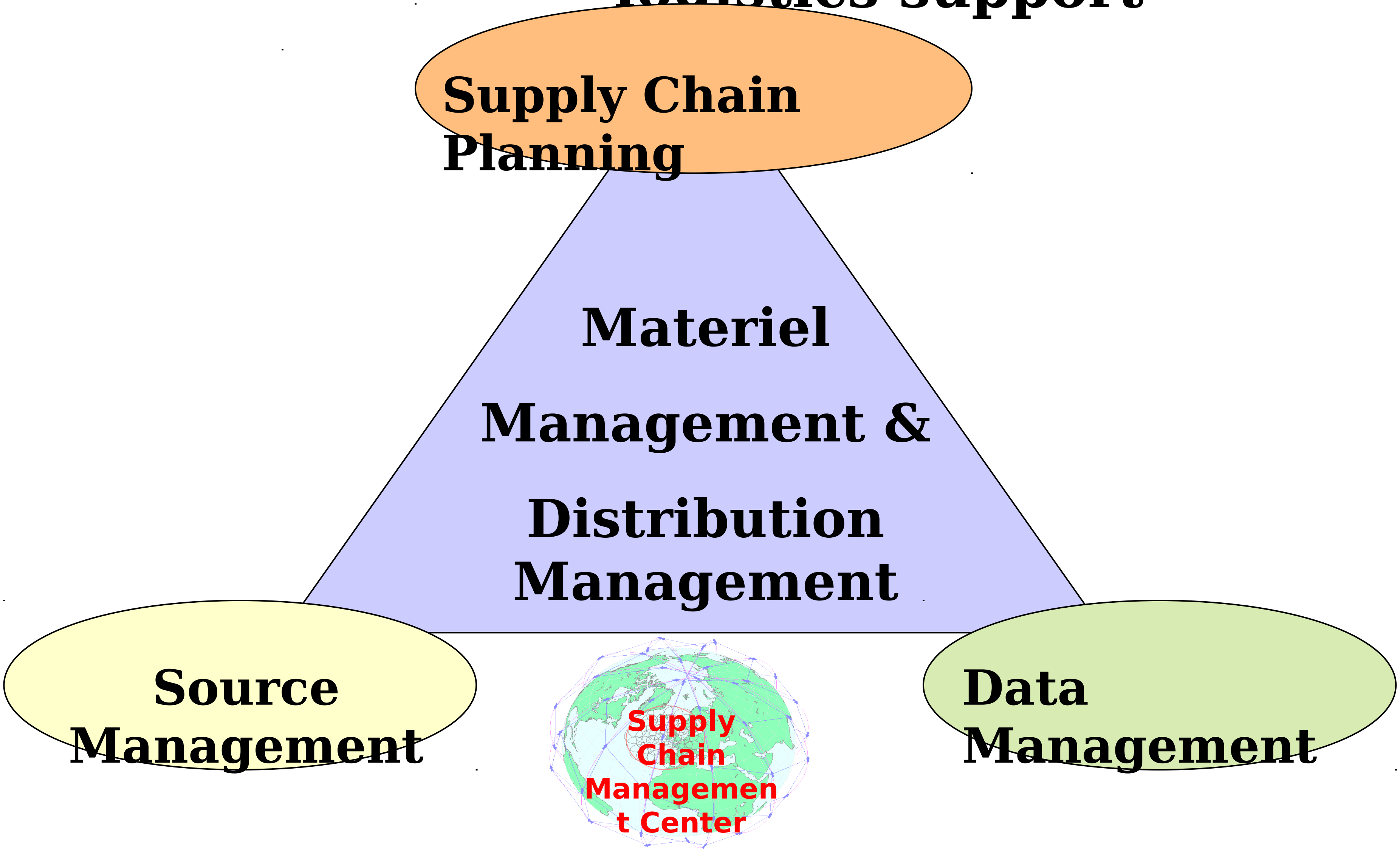
Processes

Metrics

Best Practice

Technology

Reengineered SCMC organization…. A new way of approaching logistics support



Supply Chain Planning

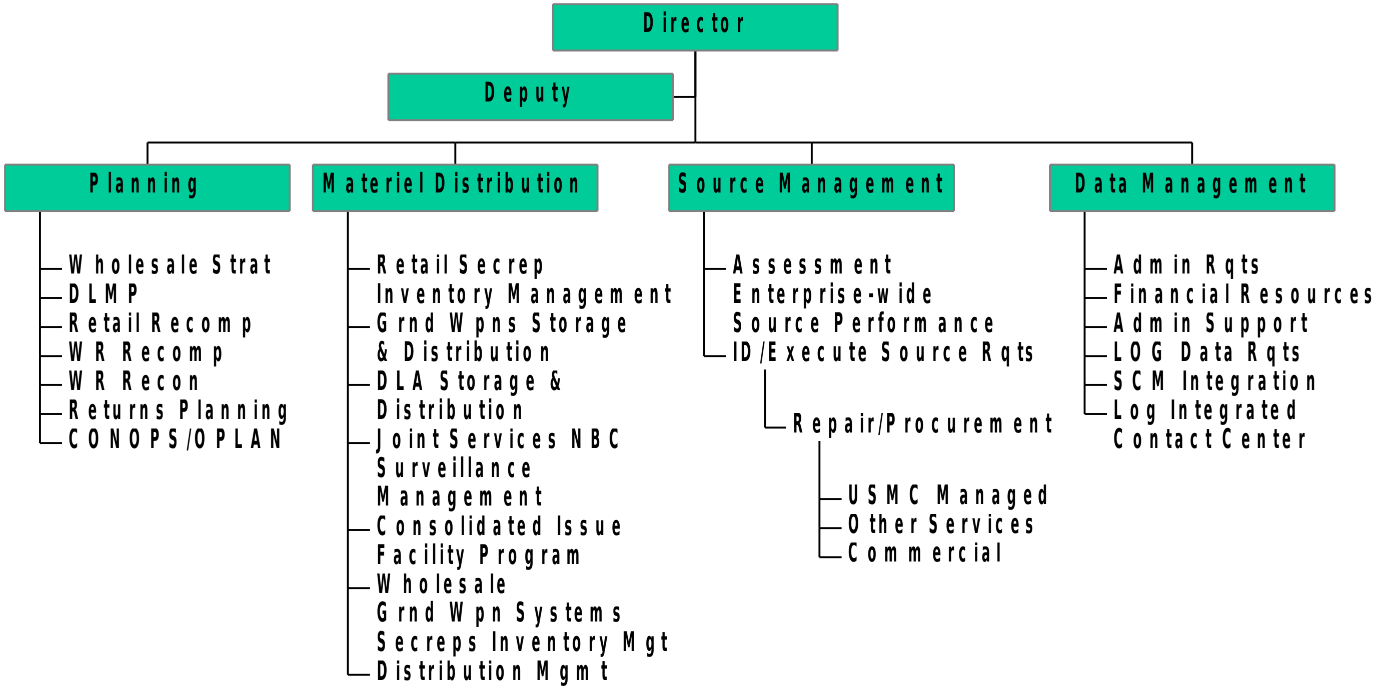
Materiel Management & Distribution Management

Source Management

Data Management

Supply Chain Management Center

SCMC Functions

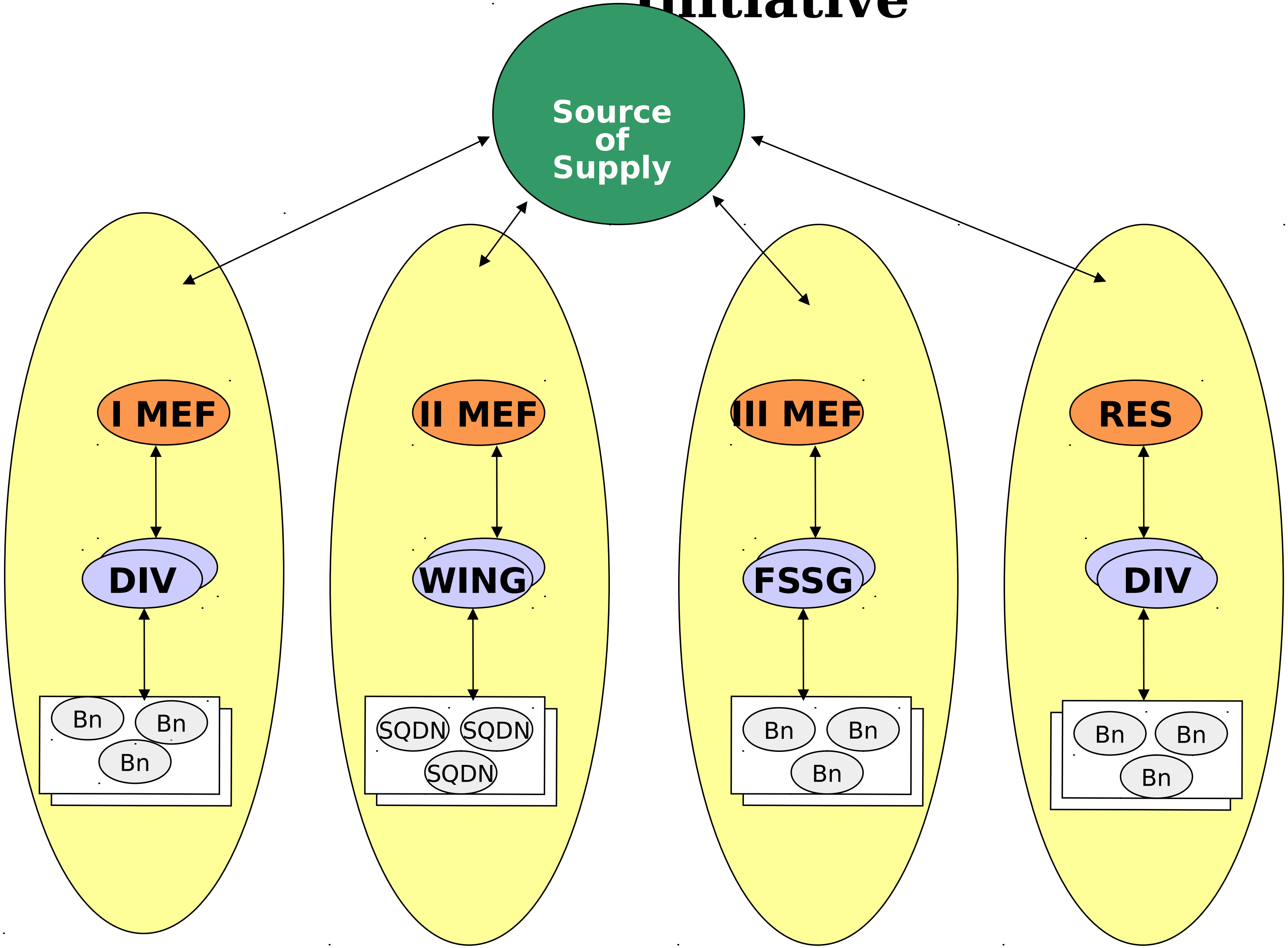


- Director
  - Deputy
  - Planning
    - Wholesale Strat
    - DLMP
    - Retail Recomp
    - WR Recomp
    - WR Recon
    - Returns Planning
    - CONOPS/OPLAN
  - Materiel Distribution
    - Retail Secrep Inventory Management
    - Grnd Wpns Storage & Distribution
    - DLA Storage & Distribution
    - Joint Services NBC Surveillance Management
    - Consolidated Issue Facility Program
    - Wholesale Grnd Wpn Systems Secreps Inventory Mgt
    - Distribution Mgmt
  - Source Management
    - Assessment Enterprise-wide Source Performance
    - ID/Execute Source Rqts
      - Repair/Procurement
        - USMC Managed
        - Other Services
        - Commercial
  - Data Management
    - Admin Rqts
    - Financial Resources
    - Admin Support
    - LOG Data Rqts
    - SCM Integration
    - Log Integrated Contact Center

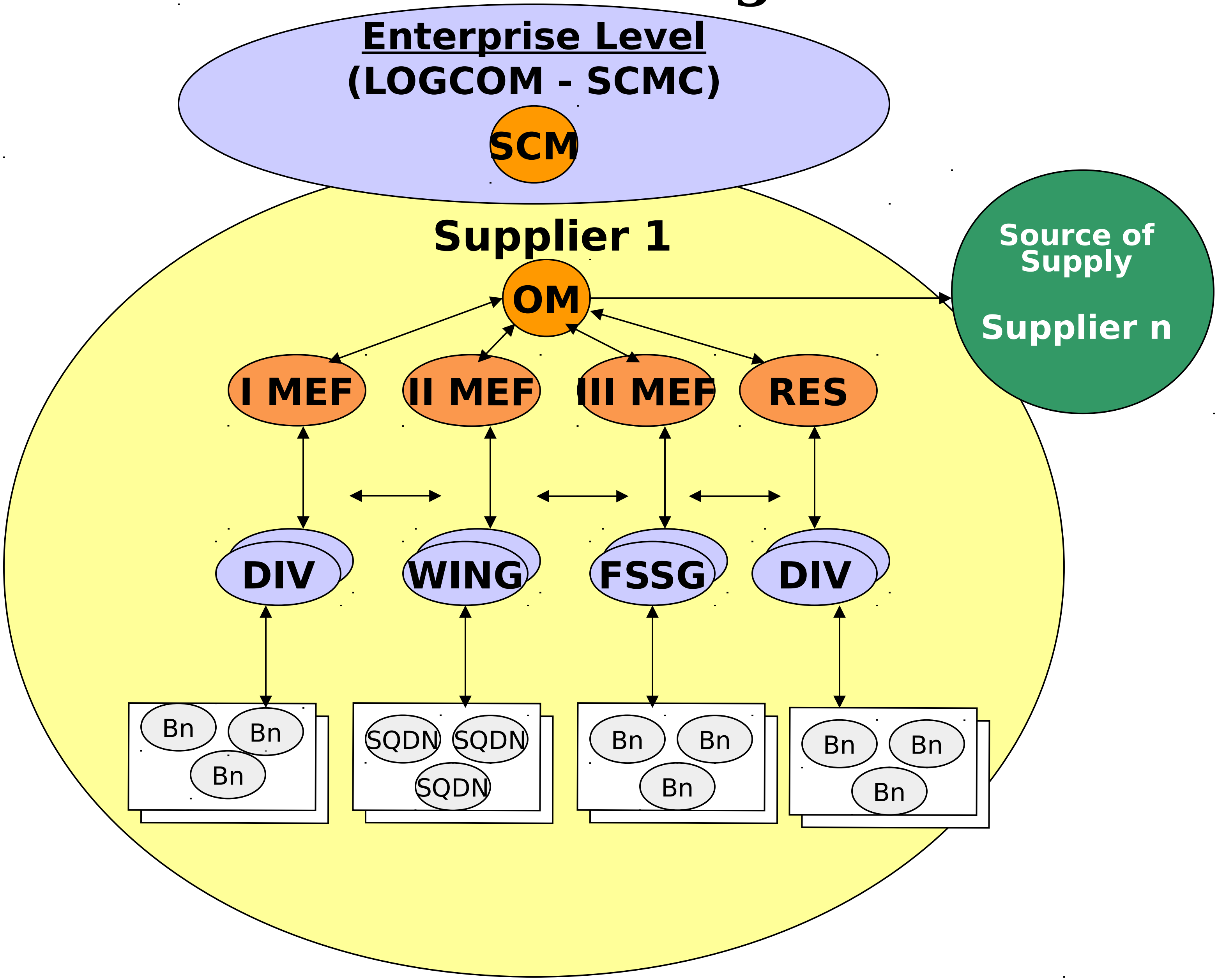
Supply Chain Management Cente

- Global Materiel Management Across the Supply Chain
- Inventory Strategies and Policies
- Demand Planning
- Maintenance Planning
- Distribution Planning
- Supplier Relationship Management
- Customer Relationship Management
- Logistics Information Management
- Provide Sustainment Logistics Support in support of
  Total Life Cycle Management

Pre-SECREP Management Initiative


Source of Supply
I MEF
DIV
Bn
Bn
Bn
II MEF
WING
SQDN
SQDN
SQDN
III MEF
FSSG
Bn
Bn
Bn
RES
DIV
Bn
Bn
Bn

Post Centralized SECREP Management


Enterprise Level
(LOGCOM - SCMC)
SCM
Supplier 1
OM
Source of Supply
Supplier n
I MEF
II MEF
III MEF
RES
DIV
WING
FSSG
DIV
Bn
Bn
Bn
SQDN
SQDN
SQDN
Bn
Bn
Bn
Bn
Bn
Bn

THE FUTURE IS NOW!

SCMC is the Enterprise Supply Chain Manager

for the Marine Corps

- **Consumables**
- **SECREPs**
- **Weapon Systems**
- **Distribution**
- **Eliminating wholesale/retail distinction**

- **Connect all supply rt providers throughout the US**

Change Management Initiativ

- ✓ **Centralized SecRep Management**
- ✓ **Consolidated Issue Facilities (782 gear)**
- ✓ **Centralized Maintenance Management**
- ✓ **Realignment of Supply Functions**
- ✓ **QUAD Model Implementation**
- ✓ **Integrating wholesale and retail management (Seamless supply chain environment)**
- ✓ **Transformation/reshaping/rightsizing of our work forces**
- ✓ **Provisioning Reengineering**
- ✓ **T/E – T/A Policy Implementation**
- ✓ **ISO 9001 registration/certification for Fleet Support Divisions**

Centralized Management of Secondary Reparables

- **Total SECREP asset visibility**
- **Integrated management capability**
- **Precision stock positioning and inventory levels – COLLABORATION!**
- **Global sourcing of requirements**
- **Responsive & reliable distribution channels**
- **Real-time / near real-time distributed information management**
- **Unified financial management – in progress**
- **Control & Integration of SECREP Processes!**

Supply Chain Management Performance ISO OIF

- **Centrally managed, globally sourced SECREPs**

- **Global sourcing of critical items through industry and other USMC/DoD activities**

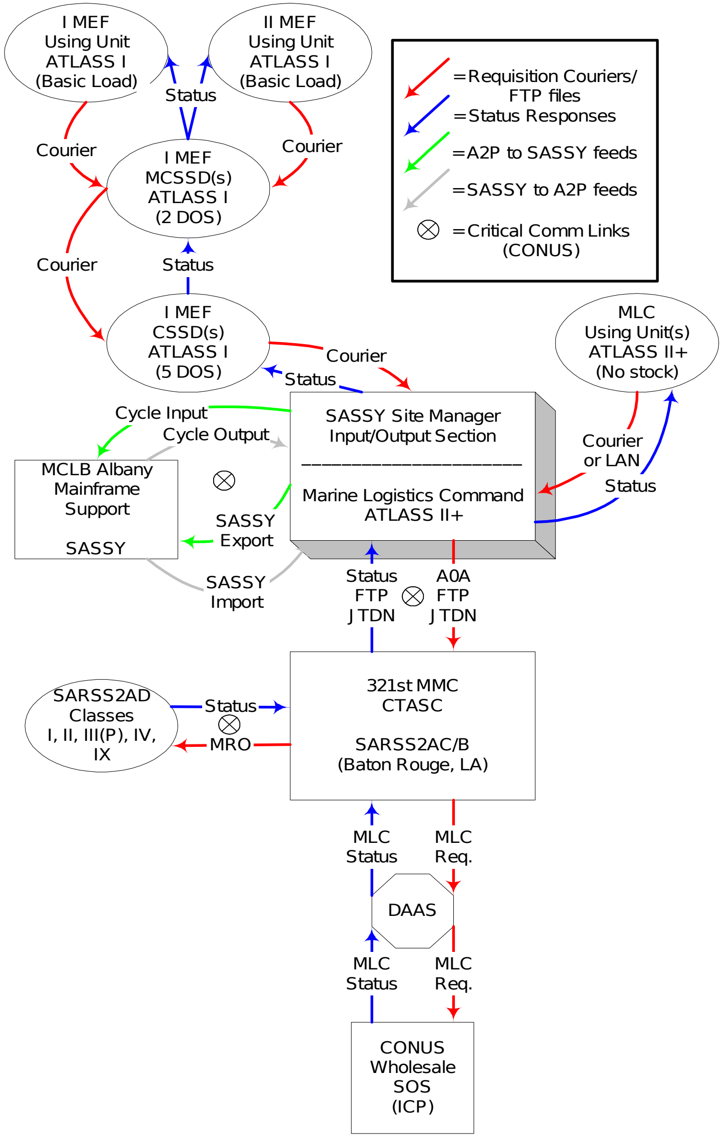
- **Global sourcing of weapon systems to “reset the force”**

- **Containerization and Consolidation**

- **Increased use of commercial carriers**

- **Provided direct support for Logistics**

OIF Information System Updates



I MEF
Using Unit
ATLASS I
(Basic Load)

II MEF
Using Unit
ATLASS I
(Basic Load)

Status

Courier

Courier

I MEF
MCSSD(s)
ATLASS I
(2 DOS)

Courier

Status

I MEF
CSSD(s)
ATLASS I
(5 DOS)

Courier

Status

=Requisition Couriers/
FTP files
=Status Responses
=A2P to SASSY feeds
=SASSY to A2P feeds
⊗ =Critical Comm Links
(CONUS)

MLC
Using Unit(s)
ATLASS II+
(No stock)

Cycle Input

Cycle Output

MCLB Albany
Mainframe
Support

SASSY

⊗

SASSY
Export

SASSY
Import

SASSY Site Manager
Input/Output Section
____
Marine Logistics Command
ATLASS II+

Courier
or LAN

Status

Status
FTP
JTDN

⊗

A0A
FTP
JTDN

SARSS2AD
Classes
I, II, III(P), IV,
IX

Status

⊗

MRO

321st MMC
CTASC

SARSS2AC/B
(Baton Rouge, LA)

MLC
Status

MLC
Req.

DAAS

MLC
Status

MLC
Req.

CONUS
Wholesale
SOS
(ICP)

- **8,500 electronic transactions processed daily**

- **1.7 million lines of electronic data processed daily**

- **460,000 electronic logistics transactions processed during the war**

- **7,000 miles between Albany, GA and**

Targets of Opportunity & Success

- Lowered USMC Inventory SECREP requirements by $155M
- More than $20 M in direct savings to Operating Forces
- Expedited over 400 weapon systems off deadline status
- Established a migration process of 4th Echelon requirements from operating forces to other sources.
  - Reduced inventory requirements through increased performance of suppliers & effective supplier relationships
- End-to-end management of requirements has resulted in over $750K in savings optimized resources for Depot Maintenance
- Capability to perform Supply Chain Management Mission for all USMC Forces (Consumable, SecReps, Weapon Systems)

Discussion?

(TLCSM)

&

MARINE CORPS SYSTEMS COMMAND ASSISTANT COMMANDER, PRODUCT

Purpose

Provide an overview of ACPROD’s role in TLCSM.

- Definitions
- Mission
- Organization
- Functions
- The “Way Ahead”

Definitions

TLCSM

“The implementation, management, and oversight, by the designated Program Manager, of all activities associated with the acquisition, development, production, fielding, sustainment and disposal of a DOD weapons system across its life cycle.”

Draft AOUSD TLCSM POA&M dated 2 May 2003

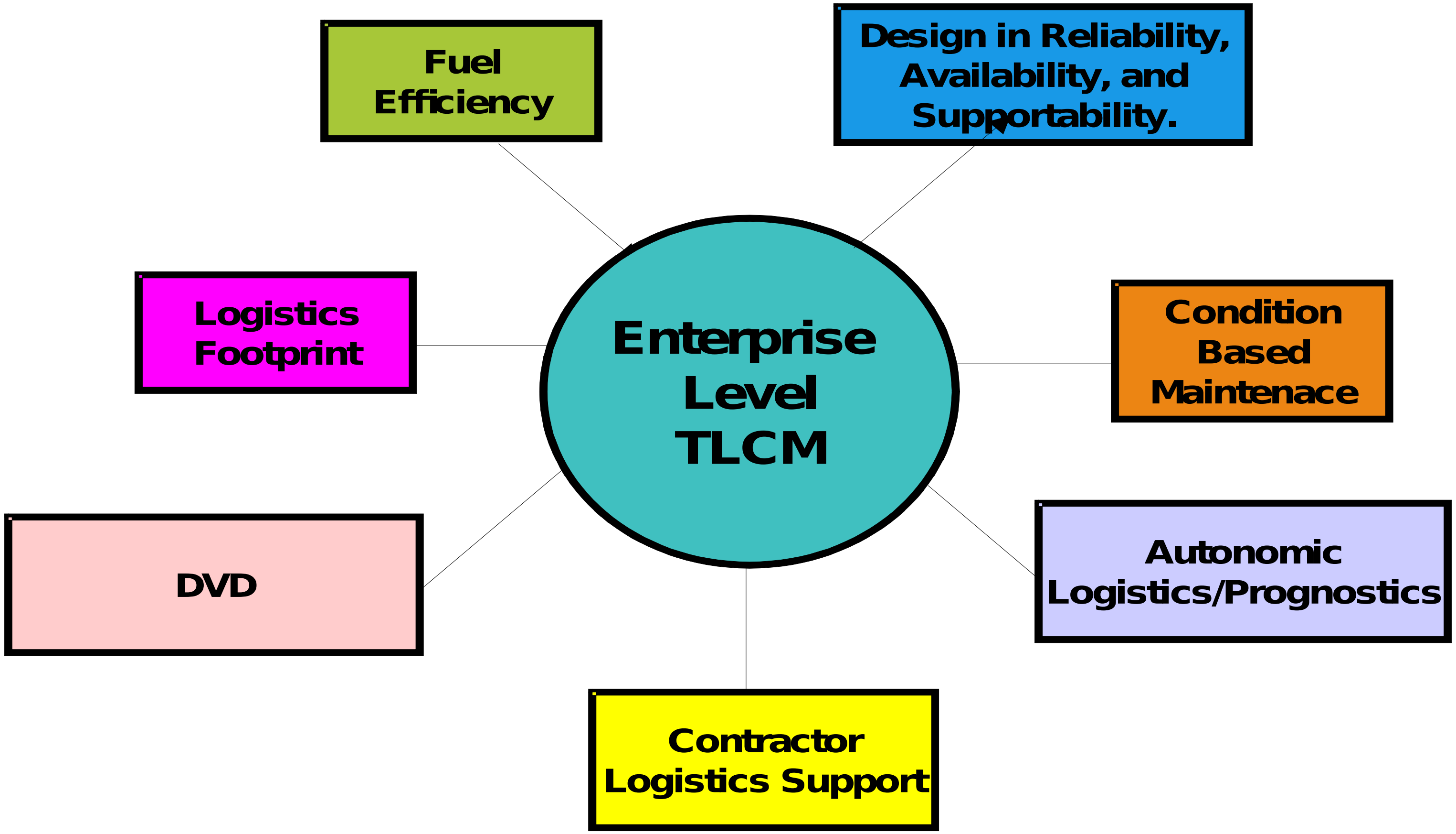
Definitions (Cont’d.)

Enterprise Level TLCM

The formal process to identify, analyze and implement synergistic solutions that optimize the acquisitions/logistics chain across the Marine Corps in support of the operating forces.

Draft MCO 5000.19A

Enterprise Level TLCM



Fuel Efficiency

Design in Reliability, Availability, and Supportability.

Logistics Footprint

Enterprise Level TLCM

Condition Based Maintenace

DVD

Autonomic Logistics/Prognostics

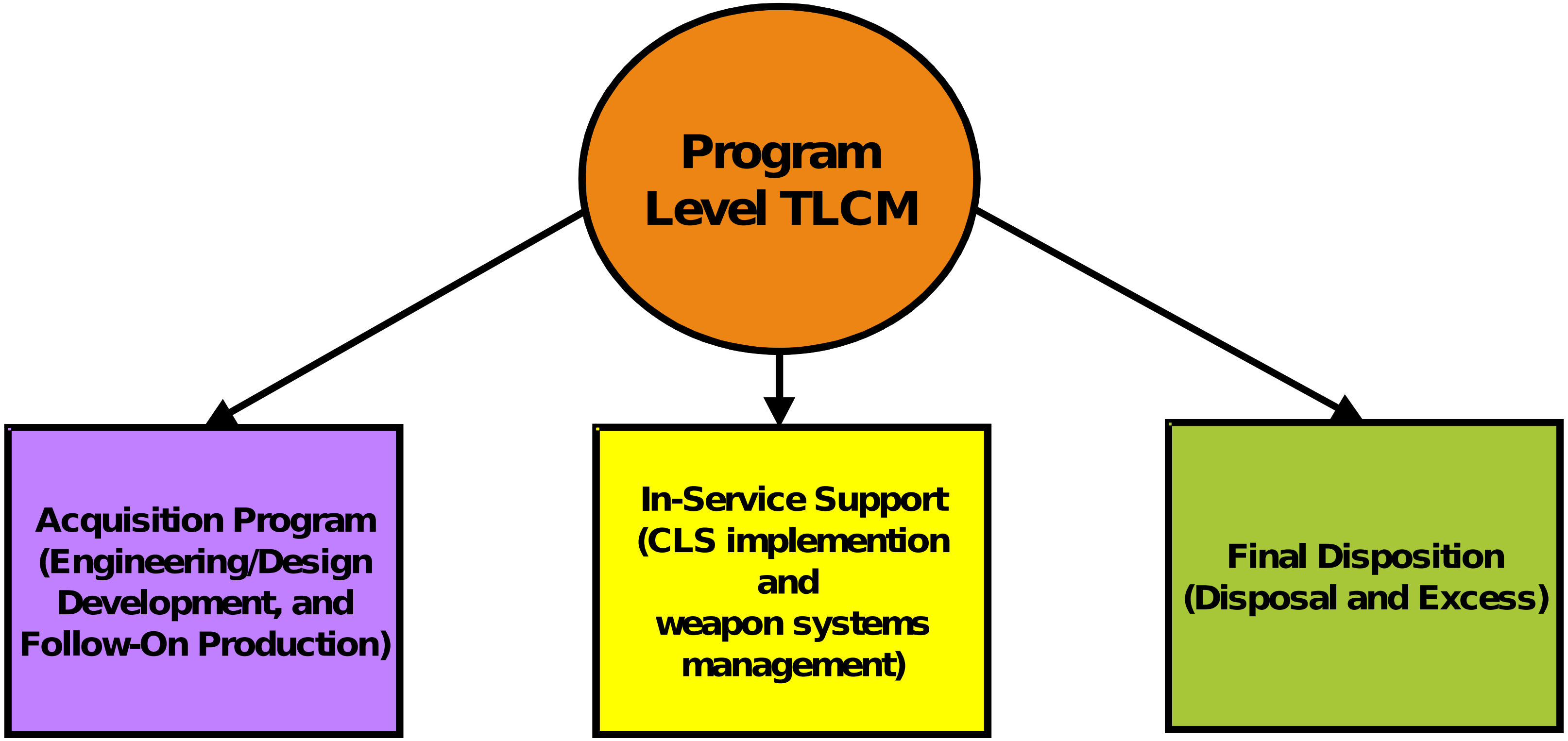
Contractor Logistics Support

Definitions (Cont'd.)

Program Level TLCM

Those logistics activities that occur during, and as part of, the acquisition process, starting at System Development and Demonstration through in-service support until final disposition.

Program Level TLCM



Program Level TLCM

Acquisition Program (Engineering/Design Development, and Follow-On Production)

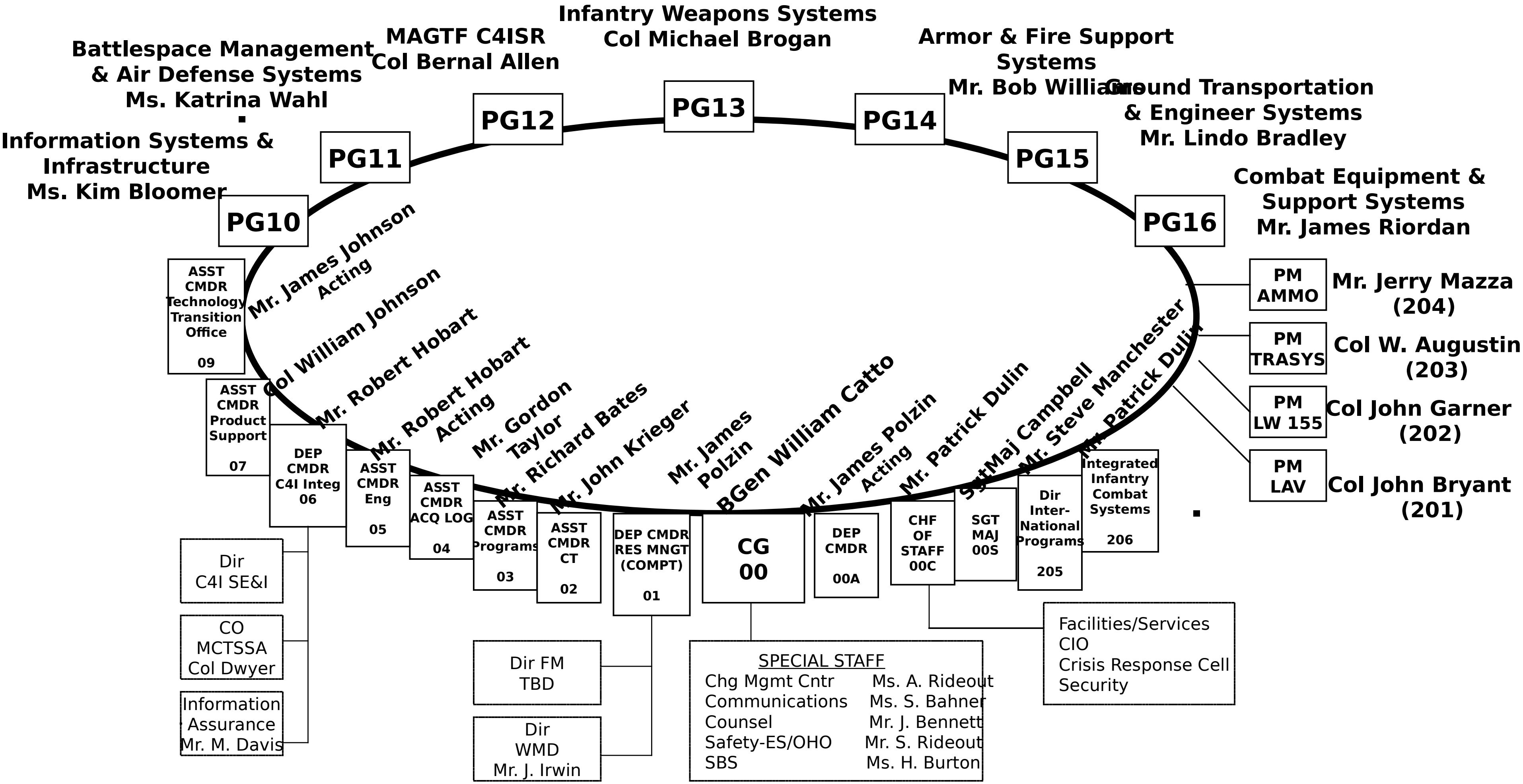
In-Service Support (CLS implemention and weapon systems management)

Final Disposition (Disposal and Excess)

ACPROD Mission

Provide staff cognizance, process ownership, and Total Life Cycle Systems Management assessment of the operations and support for fielded Marine Corps ground weapons systems.

MARCORSYSCOM ORGANIZATION



Battlespace Management & Air Defense Systems
Ms. Katrina Wahl

MAGTF C4ISR
Col Bernal Allen

Infantry Weapons Systems
Col Michael Brogan

Armor & Fire Support Systems
Mr. Bob Williams

Ground Transportation & Engineer Systems
Mr. Lindo Bradley

Information Systems & Infrastructure
Ms. Kim Bloomer

Combat Equipment & Support Systems
Mr. James Riordan

PG10

PG11

PG12

PG13

PG14

PG15

PG16

PM AMMO — Mr. Jerry Mazza (204)

PM TRASYS — Col W. Augustin (203)

PM LW 155 — Col John Garner (202)

PM LAV — Col John Bryant (201)

ASST CMDR Technology Transition Office 09 — Mr. James Johnson Acting

ASST CMDR Product Support 07 — Col William Johnson

DEP CMDR C4I Integ 06 — Mr. Robert Hobart

ASST CMDR Eng 05 — Mr. Robert Hobart Acting

ASST CMDR ACQ LOG 04 — Mr. Gordon Taylor

ASST CMDR Programs 03 — Mr. Richard Bates

ASST CMDR CT 02 — Mr. John Krieger

DEP CMDR RES MNGT (COMPT) 01 — Mr. James Polzin

CG 00 — BGen William Catto

DEP CMDR 00A — Mr. James Polzin Acting

CHF OF STAFF 00C — Mr. Patrick Dulin

SGT MAJ 00S — SgtMaj Campbell

Dir Inter-National Programs 205 — Mr. Steve Manchester

Integrated Infantry Combat Systems 206 — Mr. Patrick Dulin

Dir C4I SE&I

CO MCTSSA Col Dwyer

Information Assurance Mr. M. Davis

Dir FM TBD

Dir WMD Mr. J. Irwin

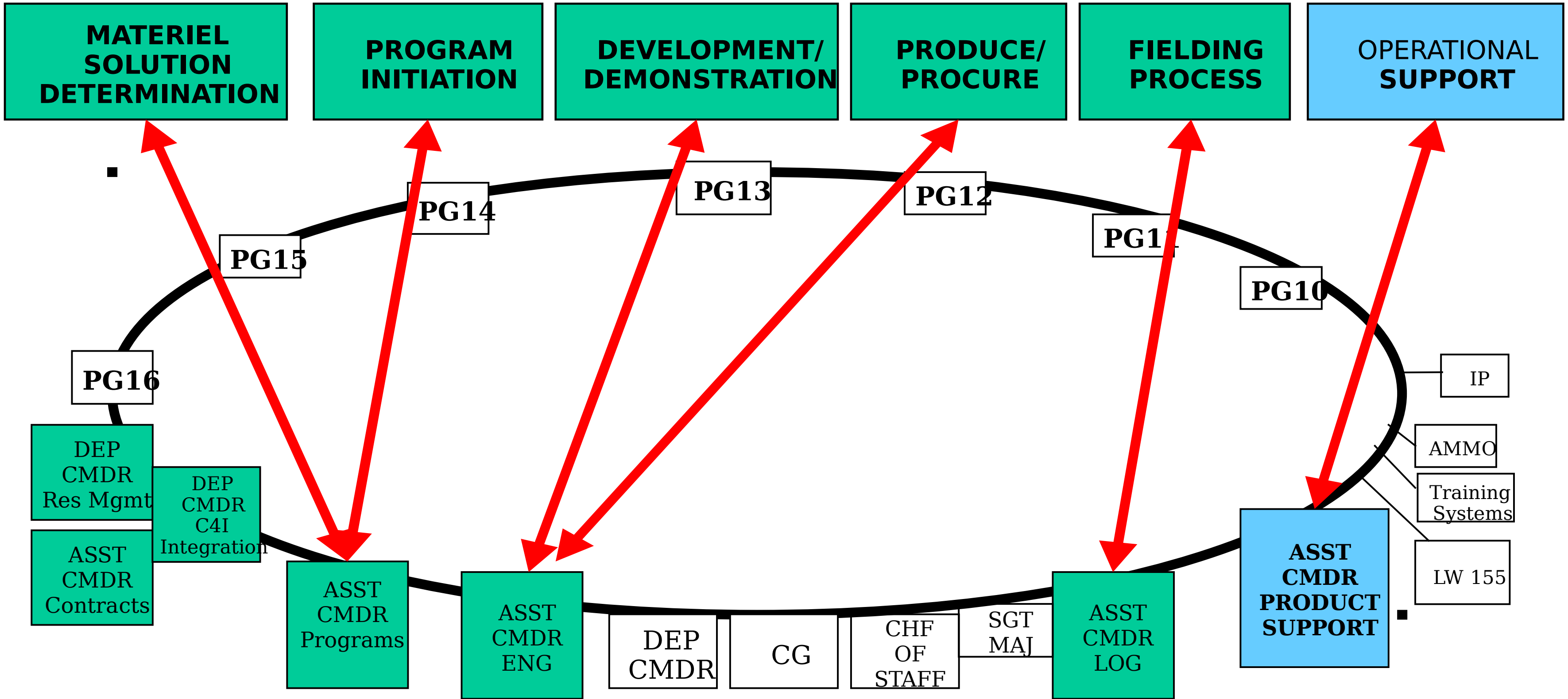
SPECIAL STAFF

Chg Mgmt Cntr	Ms. A. Rideout
Communications	Ms. S. Bahner
Counsel	Mr. J. Bennett
Safety-ES/OHO	Mr. S. Rideout
SBS	Ms. H. Burton

Facilities/Services
CIO
Crisis Response Cell
Security

Organizational Context

- Closes the loop, providing service to the Program Managers in all six MARCORSYSCOM Core Processes.
- Single operations and support staff link for collaboration with MCCDC, I&L, MARCORLOGCOM and the OPFORs.



MATERIEL SOLUTION DETERMINATION

PROGRAM INITIATION

DEVELOPMENT/ DEMONSTRATION

PRODUCE/ PROCURE

FIELDING PROCESS

OPERATIONAL **SUPPORT**

PG16

PG15

PG14

PG13

PG12

PG11

PG10

DEP CMDR Res Mgmt

DEP CMDR C4I Integration

ASST CMDR Contracts

ASST CMDR Programs

ASST CMDR ENG

DEP CMDR

CG

CHF OF STAFF

SGT MAJ

ASST CMDR LOG

ASST CMDR PRODUCT SUPPORT

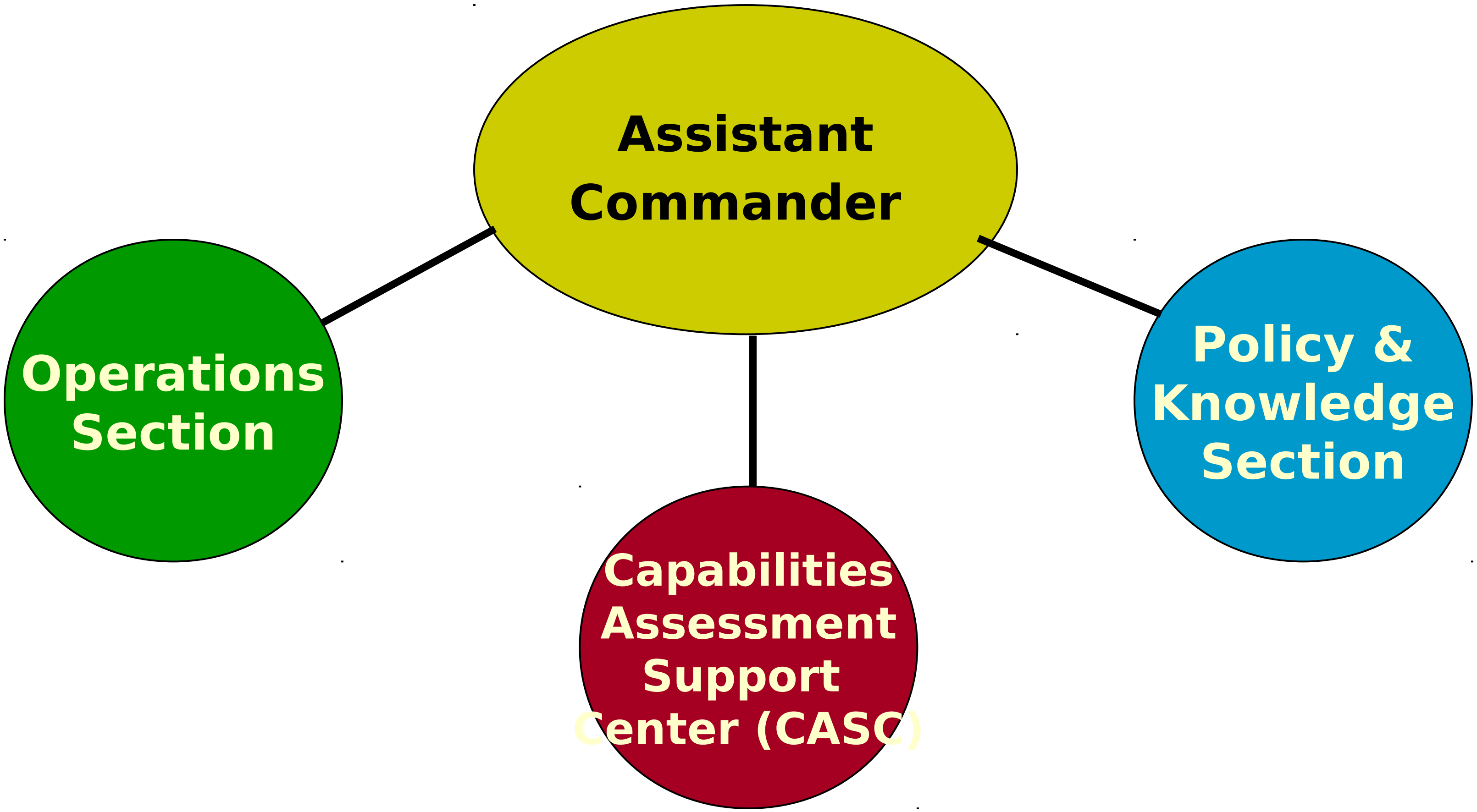
IP

AMMO

Training Systems

LW 155

Organizational Structure



Assistant Commander

Operations Section

Capabilities Assessment Support Center (CASC)

Policy & Knowledge Section

Organizational Structure (Cont’d.)

Policy & Knowledge Section

✓Team Leader- Program Analyst NH-343-IV
Materiel Management Officer- 9662 Major
✓Materiel Management Officer- 9662 Captain
Logistics Officer- 0402 Lieutenant
Logistician- NH-346-III
General Engineer- NH-801-III

✓Assistant Commander - 9904 Col

Operations Section

✓Team Leader – 9910 LtCo
✓Office Manager – NH-341-II
Logistician – NH-346-III

Capabilities Assessment Support Center (CASC)

Team Leader- Logistician NH-346-IV
(3) OR Analyst- NH-1515- IV
OR Analyst- 96509652 LtCol
(3) OR Analyst- NH- 1515- III
Program Analyst- NH- 343- III
Information Technology Specialist- NH 2210-III
OR Analyst- 9650/9652 Captain
Materiel Management Officer- 9662 Captain

✓ = Hired

Functions

Operations

- Collaborates with:
  - **Product Group Directorates (PGDs) and Assistant Commander, Engineering (ACENG), Assistant Commander, Acquisition Logistics (ACLOG) and Assistant Commander, Programs (ACPROG) in sustainment planning activities.**
  - **OPFOR LNOs, Program Managers (PMs), MARCORLOGCOM and DLA Customer Service Representatives (CSRs)/ Customer Account Manager in sustainment issues.**
- Coordinates with Crisis Response Cells at I&L and MARCORLOGCOM.
- Provides representation to OSD, DON, I&L, MCCDC, MARCORGLOGCOM and OPFOR Working Groups.

Functions (Cont'd.)

Capabilities Assessment Support Center (CASC)

- Conducts
  - **TLCSM Assessments including Reliability, Availability, Maintainability (RAM) and Total Ownership Cost (TOC) Analyses.**
  - **Phase-In/Phase-out Transition Studies, independent systems support analyses, and depot maintenance funding impact assessments.**
- Establishes policy and processes to conduct TLCSM studies and analyses.
- Provides data for OSD and Service Readiness Reports (e.g., Marine Corps Ground Equipment Readiness Report (MCGERR), Quarterly Readiness Report to Congress (QRRC) and MCBul 3000).

Functions (Cont’d.)

Capabilities Assessment Support Center (CASC)

- Conducts historical trend and predictive readiness analyses.
- Assists I&L and MARCORLOGCOM in Enterprise Level Readiness issues.
- Supports I&L and collaborates with PP&O, MCCDC, MARCORLOGCCOM and OPFORs for quarterly materiel readiness briefings.
- Provides In-Stores Readiness Analysis for CINC Assessments, Presidential Drawdowns and Reserve Readiness Assessments.

Functions (Cont'd.)

Policy and Knowledge

- Ensures that support of the warfighter is a key consideration in other Life Cycle Management core processes.

- Develops and maintains ACPROD Business Plan.

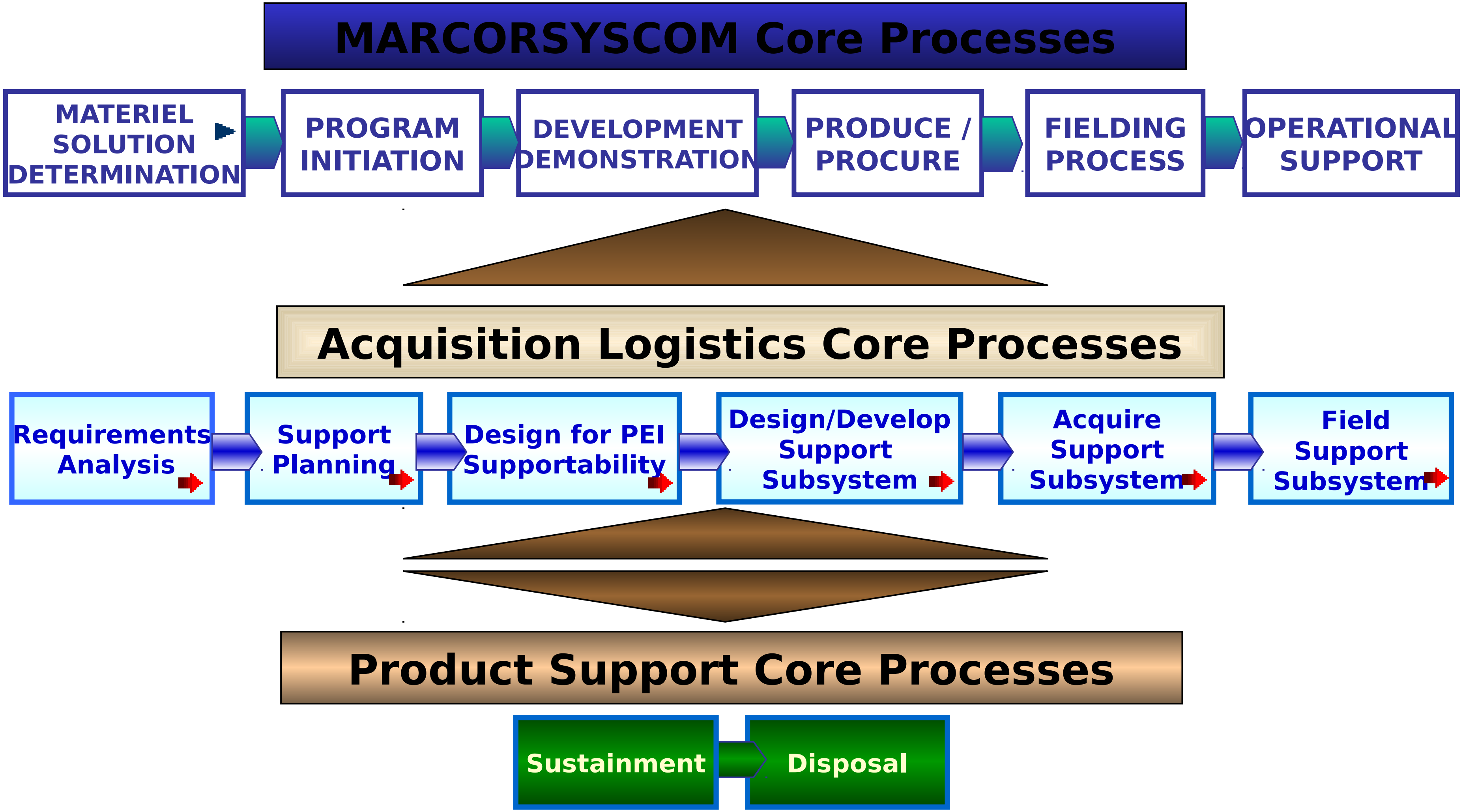
- Exercises process ownership of MARCORSYSCOM assigned MARCORLOGCOM operations and support processes.

Functions (Cont'd.)

Policy and Knowledge

- Provides knowledge base and training to ensure PMs have the necessary information, skills and tools to conduct effective and efficient operations and support management.
- Establishes and maintains an ACPROD Knowledge Center.
- Staffs and determines the impact of emerging OSD, DON and Service policy.

Process Context



MARCORSYSCOM Core Processes

MATERIEL SOLUTION DETERMINATION → PROGRAM INITIATION → DEVELOPMENT DEMONSTRATION → PRODUCE / PROCURE → FIELDING PROCESS → OPERATIONAL SUPPORT

Acquisition Logistics Core Processes

Requirements Analysis → Support Planning → Design for PEI Supportability → Design/Develop Support Subsystem → Acquire Support Subsystem → Field Support Subsystem

Product Support Core Processes

Sustainment → Disposal

Process Context (Cont'd.)

Inputs

- Product Baseline
- System Support Package
  - Annual Support Cost Estimate
  - Lifecycle Estimate (LCE)
  - Inherent RAM
  - Initial Issue Provisioning (IIP) Data
- Logistics Support Agreements
  - Contractor Logistics Support (CLS)
  - Warranties
  - Performance Based Agreements (PBAs)
- P31 Plan (if applicable)
- Post Production

Sustainment

Outputs

- TLCM Metrics
  - Readiness
  - Achieved RAM
  - Sustainability
  - Total Ownership Cost (TOC)
  - Safety
- Configuration Management (CM)
- Disposal Plan / Phase-In/Phase-Out Plan

Process Context (Cont'd.)

- Capability Assessments
  - Readiness
  - RAM
  - Sustainability
- Product Quality Deficiency Reports (PQDRs)
- NAVMC 10772s
- DLA 339s
- Safety Assessment Reports (SARs)

Feedback Mechanisms

Process Context (Cont’d.)

Inputs

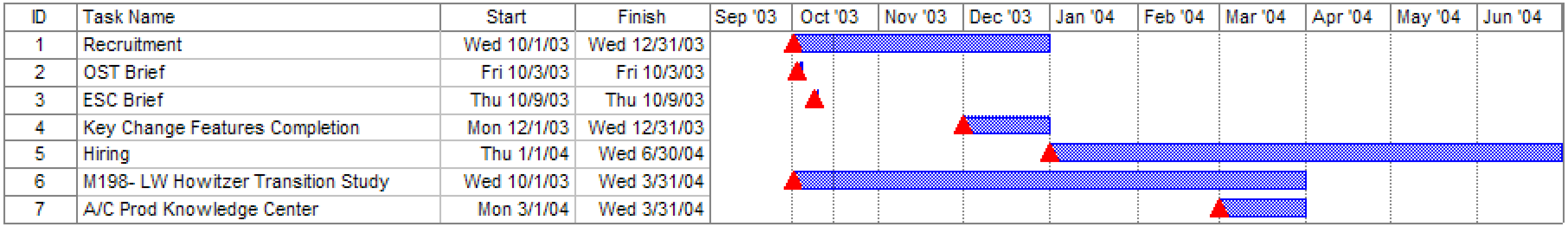
- Phase-In/Phase-Out Plan
- Memorandum of Agreement (MOA)/Contract Disposition
- Safety Assessment Report (SAR)
- National Environmental Policy Act (NEPA) Documents
- User’s Logistics Support Summary (ULSS) (Fielding Baseline)
- WIR
- Foreign Military Sales (FMS)
- Approved Acquisition Objective (AAO) Modification/

Disposal

Outputs

- FMS Support
- Resources for Recapitalization

The “Way Ahead”



ID	Task Name	Start	Finish
1	Recruitment	Wed 10/1/03	Wed 12/31/03
2	OST Brief	Fri 10/3/03	Fri 10/3/03
3	ESC Brief	Thu 10/9/03	Thu 10/9/03
4	Key Change Features Completion	Mon 12/1/03	Wed 12/31/03
5	Hiring	Thu 1/1/04	Wed 6/30/04
6	M198- LW Howitzer Transition Study	Wed 10/1/03	Wed 3/31/04
7	A/C Prod Knowledge Center	Mon 3/1/04	Wed 3/31/04

- **Business Plan** **(In conjunction with update of Command Strategic Business Plan currently underway)**
- **Operations & Support Processes Handbook** **(TBD)**
- **OSD Future Logistics Enterprise (FLE)** **(Ongoing)**
  - **TLCSM**
  - **PBL**
  - **Unit Identification (UID)**
- **Marine Corps Logistics Modernization** **(Ongoing)**
  - **Realignment of Maintenance (ROM)**
  - **Preventive Maintenance Checks & Services (PMCS) Reduction** **(TBD)**
- **CASC Tools in MARCORSYSCOM Integrated Digital Environment (IDE)** **(TBD)**

Questions?

CONSOLIDATED ISSUE FACILITIES

I MEF

- ✓ Camp Pendleton (2 locations)
- ✓ 29 Palms
- ✓ MCAS Miramar
- ✓ MCAS Yuma

II MEF

- ✓ Camp Lejeune
- ✓ MCAS Beaufort
- ✓ MCAS Cherry Point
- ✓ MCAS New River

III MEF

- ✓ Camp Hansen
- ✓ Camp Kinser
- ✓ Camp Foster
- ✓ Camp Schwab
- ✓ MCB Kaneohe Bay Hawaii
- MCAS Iwakuni scheduled for Dec 03

CIF IPT will met late Nov/early Dec 03

Future CIF Initiatives

Training Allowance Pools:

- ➢Provisions for management are included in CIF contr
- ➢Intent is to revisit requirements.
- ➢Expect message within 14 days requesting LOGCOM/ fact finding visits to existing TAP facilities.
- ➢CLS support for TAP currently unfunded. Once scope determined courses of action will be developed for a

Additional CIF locations (ICCE)

- ➢Interest for additional locations from TECOM and Op Forces. Once formal requests received, LOGCOM wil prepare costs estimates and brief for a decision.

A METHODOLOGY FOR PROJECTING DEPOT LEVEL MAINTENANCE (DLM) REQUIREMENTS

Overview

- Purpose
- Background/Introduction
- Scope
- Definitions of Depot Level Maintenance Requirement
- Problems with using Data to measure Demands
- Proposed Methodology
- Examples using Methodology (LAV-25 & LAV-AT)

Purpose

To provide an standard method for determining ground equipment Depot Level Maintenance (DLM) Requirements in support of competing for funding during the POM process.

Background/Introduction

- Received Request to develop an **objective** and **quantifiable** method for determining DLM requirements.
  - 2002 MMO Conference
  - Determine Requirements Uniformly (e.g. I MEF and II MEF requirements are calculated with the same method)
  - Method should help these requirements compete within the POM process.
- Research conducted and report detailing Methodology was completed in July 03.
  - Mixed reviews (“too complicated”)
  - Methodology doesn’t support current DLM issues related with equipment coming back from OIF.

Scope

- Principle End Items (Not SECREPs Rebuilt at Depot)
- MARFORs (Not DMFA or WRMR, etc)
- Not Prioritization!

Definitions of Depot Level Maintenance (DLM) Requirement

- An item that has a maintenance failure which cannot be corrected at the organizational and intermediate level
  - -Maintenance required is beyond IMA capabilities or authorization
  - -Cost to repair an item exceed a certain % of the U/P
- A system that is at a certain point in its Life Cycle where its reliability and maintainability has significantly degraded.
  - -Cost to maintain at the Organizational and Intermediate level has largely increased
  - -Availability has decreased (MTBF is at its lowest)

Problems with using Data to Measure Demands

- WIRs/WOLPH

  -Level of detail not consistent (e.g. serial numbers)

  -Possibly measuring funded “quotas” vice “actual” hard deadlined items requiring DLM in order to return to an “operationally available” status.

- MIMMS/A2P Job Status Codes (37 or M8)

  -These codes indicate “Recoverable Item Report Submitted”

  -Historical “Job Status Code” data is limited (LDR has data starting in summer 2002)

Proposed Methodology

Objective. By viewing Depot Level Maintenance (DLM) as a means to increase equipment availability, this methodology compares availability of items **having gone through DLM** to those similar items that have not and uses this information to calculate an expected number of items requiring DLM in order to obtain a certain level of availability.

Proposed Methodology

Data/Data Sources:

- MARES/LM2 Report

  -Each Reporting Unit provides a weekly snapshot of equipment readiness data

  - Data includes total possessed, total deadined, and serial numbers of deadlined items by TAMCN

  -Only covers “readiness reportable” equipment

  -Historical data available (goes back before 1998)

Proposed Methodology

Data/Data Sources (continued):

- Serialized Tracking System (STS) Databases

  -SCMC maintains 2 separate databases for each Fleet Support Division (Albany and Barstow)

  -Keeps track of equipment arriving at and departing the Depots

  - Data includes NSN, serial number, arrival date, departure date, Unit Shipped to, and condition code

  -Albany's STS keeps track of MWS Line #

  -Limited to tracking equipment that only goes through Albany and Barstow Maintenance Centers

  -Data goes back to 1993

Proposed Methodology

General Process:

1. Develop a Historical View and Starting Point

-Collect, Scrub, and Prepare Historical Data

-Identify all serial numbers of given TAMCN that were shipped from the Depots to a given MEF

- Identify the period of time that a serial number of a given TAMCN had its readiness reported on by a given MEF

-Determine how long after a serial number is fielded from the Depot, that it is considered "**having recently** gone through DLM"

-Collect readiness data at the MEF level for a given TAMCN

Proposed Methodology

General Process (continued):

2. Analyze Data to Derive Expected Readiness Rates

   -Compute the Average R-Rating for each category (DLM and Non-DLM) for a given TAMCN within a given MEF Level Unit

   -We expect that equipment having undergone DLM will have a higher readiness when compared to a similar item not having undergone DLM

Proposed Methodology

General Process (continued):

3. Input Current Plan for DLM and Compute Overall Expected Readiness

-Number of items scheduled to undergo future DLM by TAMCN, MEF and FY

-Near term FY production quantities are treated as static data and far term as treated as variables

-Compute future expected readiness by TAMCN and MEF, given forecasted quantities and expected readiness ratings

Proposed Methodology

General Process (continued):

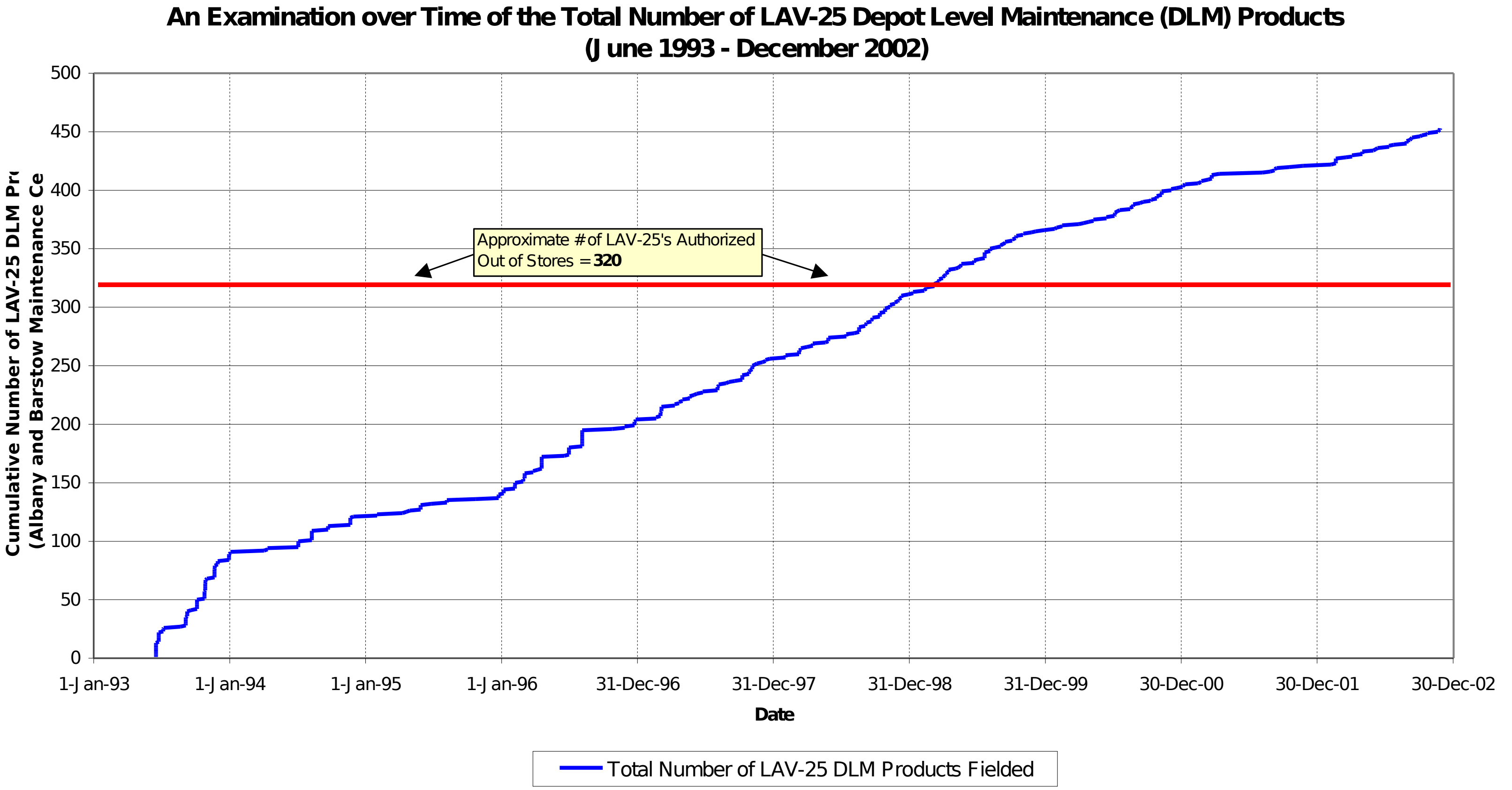
4. Determine Values for future DLM Requirements

   -Calculate the minimum number of items required to undergo DLM in order to achieve or maintain a given benchmark readiness level (e.g. 85% R-Rating) for a given TAMCN and MEF

5. Compute Overall Production Quantity and Cost by FY

EXAMPLES

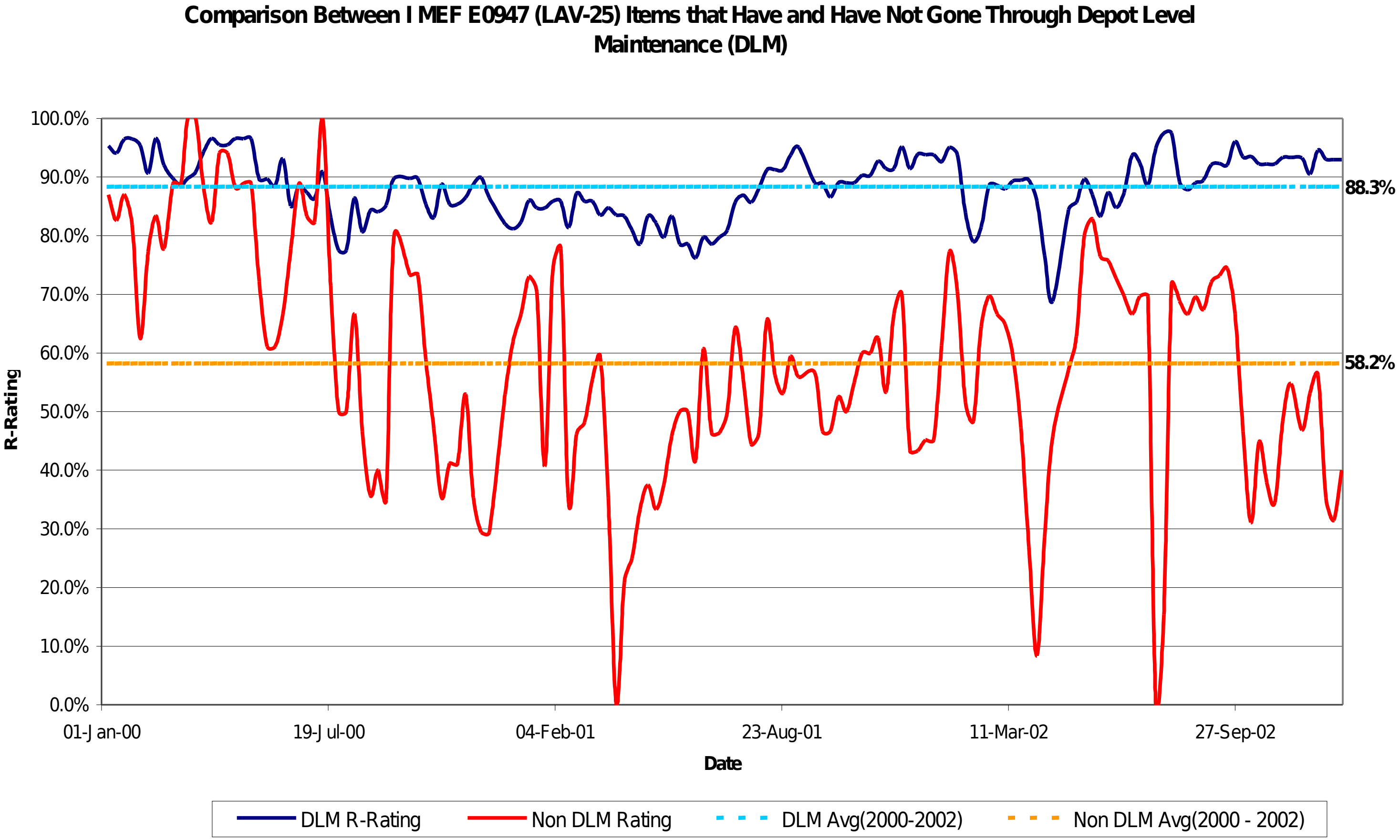
1. E0947 (LAV-25)



LAV-25 Depot Level Maintenance Production and Fielding

EXAMPLES

1. E0947 (LAV-25)



I MEF LAV-25 R-Ratings for DLM and Non-DLM Items

EXAMPLES

1. E0947 (LAV-25)

I MEF

Exp(DLM R-Rating)	**88.3%**
Exp(Non-DLM R-Rating)	**58.2%**
Avg Possess(2002)	**111**

	Qty Produced	Cumulative Qty Produced	Original DLM Qty	Total DLM	Qty Non-DLM	Expected R-Rating
2003	18	18	46	64	47	**75.6%**
2004	16	34	31	65	46	**75.8%**
2005	47	81	18	99	12	**85.1%**
2006	5	86	13	99	12	**85.1%**

🟨 - Indicates Decision Variable

- 85% R-Rating Represents Readiness Benchmark

I MEF LAV-25 Data and DLM Requirements for FY05 & 06

EXAMPLES

1. E0947 (LAV-25)

II MEF

Exp(DLM R-Rating)	**92.5%**
Exp(Non-DLM R-Rating)	**60.6%**
Avg Possess(2002)	**55**

	Qty Produced	Cumulative Qty Produced	Original DLM Qty	Total DLM	Qty Non-DLM	Expected R-Rating
2003	4	4	36	40	15	**83.8%**
2004	6	10	26	36	19	**81.5%**
2005	**14**	24	18	42	13	**85.0%**
2006	**6**	30	12	42	13	**85.0%**

III MEF

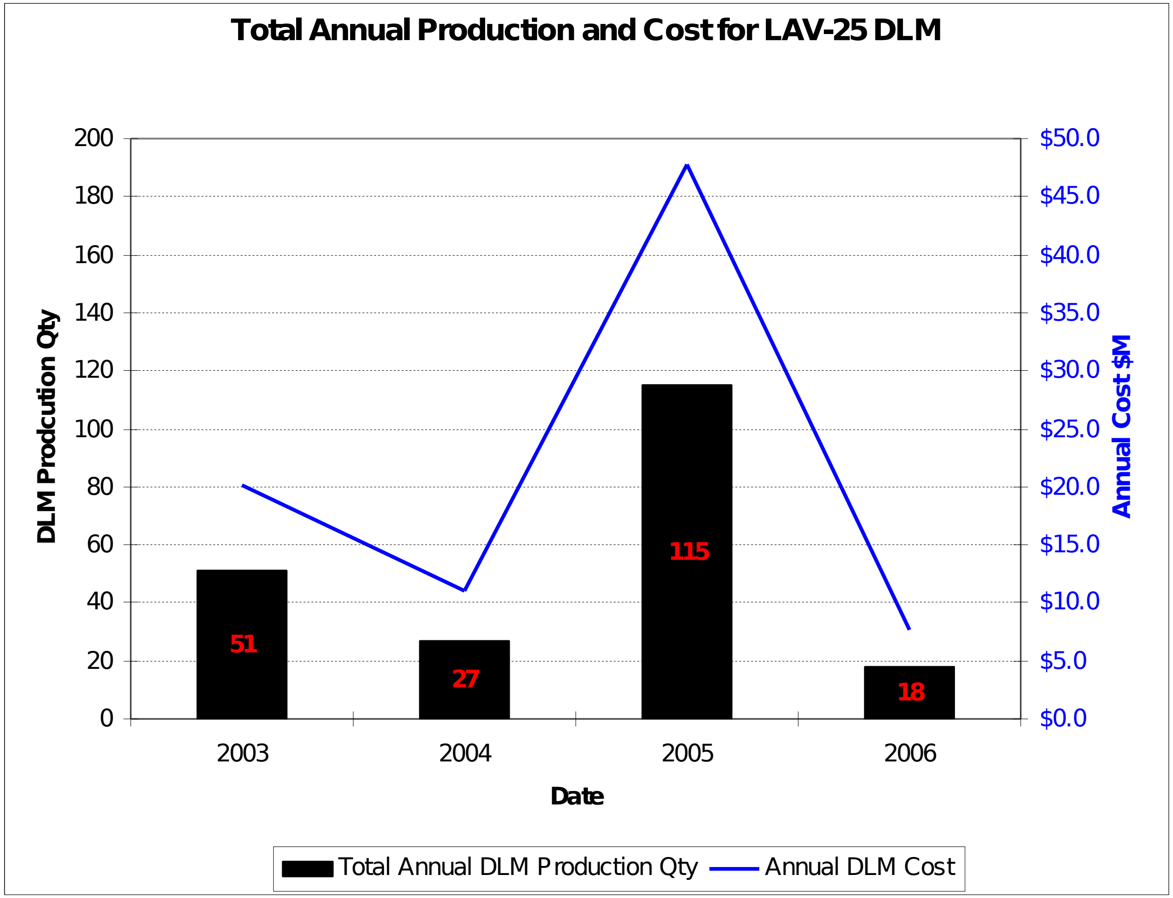
Exp(DLM R-Rating)	**87.8%**
Exp(Non-DLM R-Rating)	**69.4%**
Avg Possess(2002)	**11**

	Qty Produced	Cumulative Qty Produced	Original DLM Qty	Total DLM	Qty Non-DLM	Expected R-Rating
2003	2	2	8	10	1	**86.1%**
2004	0	2	4	6	5	**79.5%**
2005	7	9	1	10	1	**86.1%**
2006	1	10	0	10	1	**86.1%**

II & III MEF LAV-25 Data and DLM Rqmnts for FY05 & 06

EXAMPLES

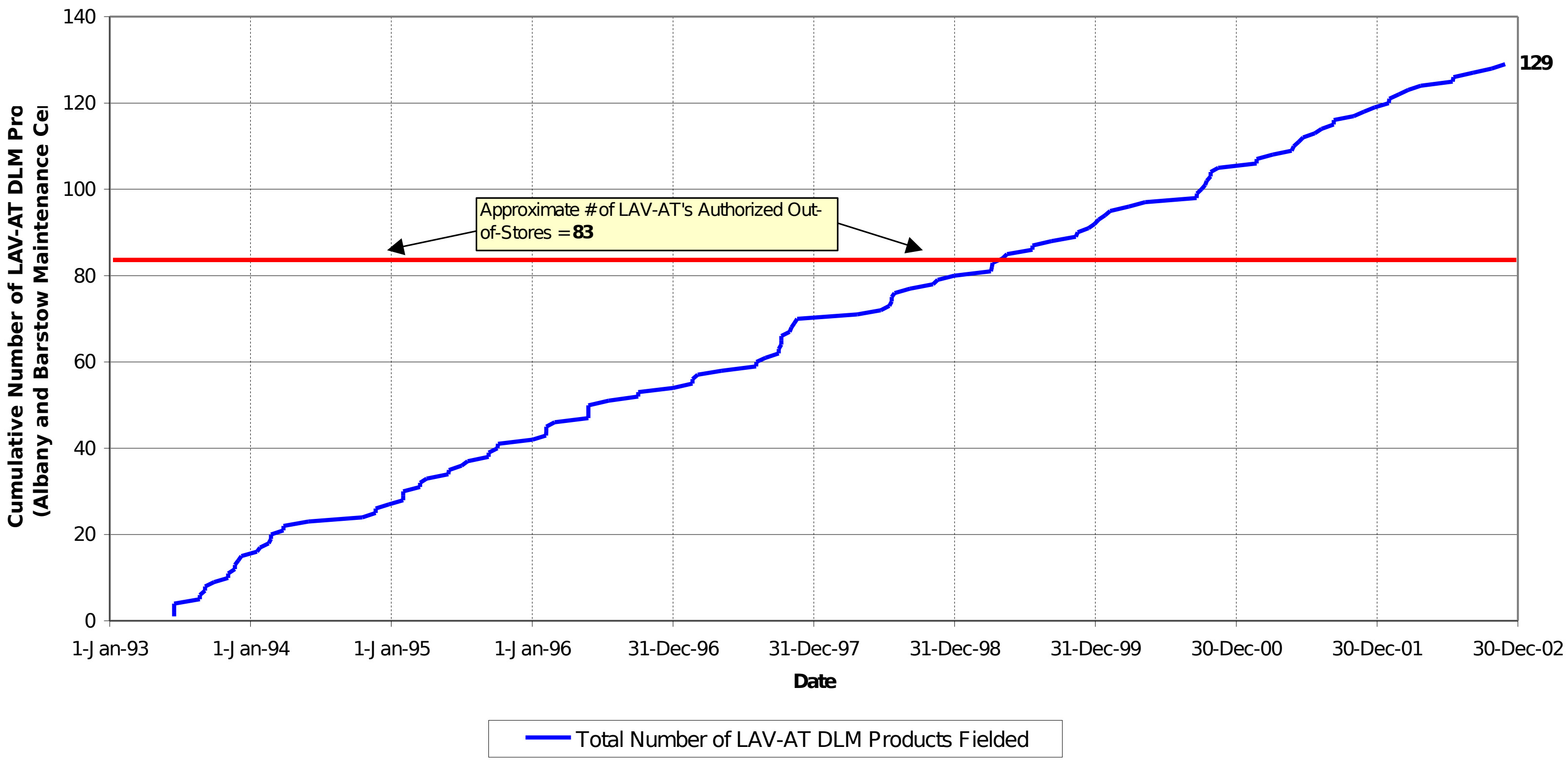
1. E0947 (LAV-25)



LAV-25 Overall Expected DLM Production and Cost for FY03-06

EXAMPLES

2. E0942 (LAV-AT)



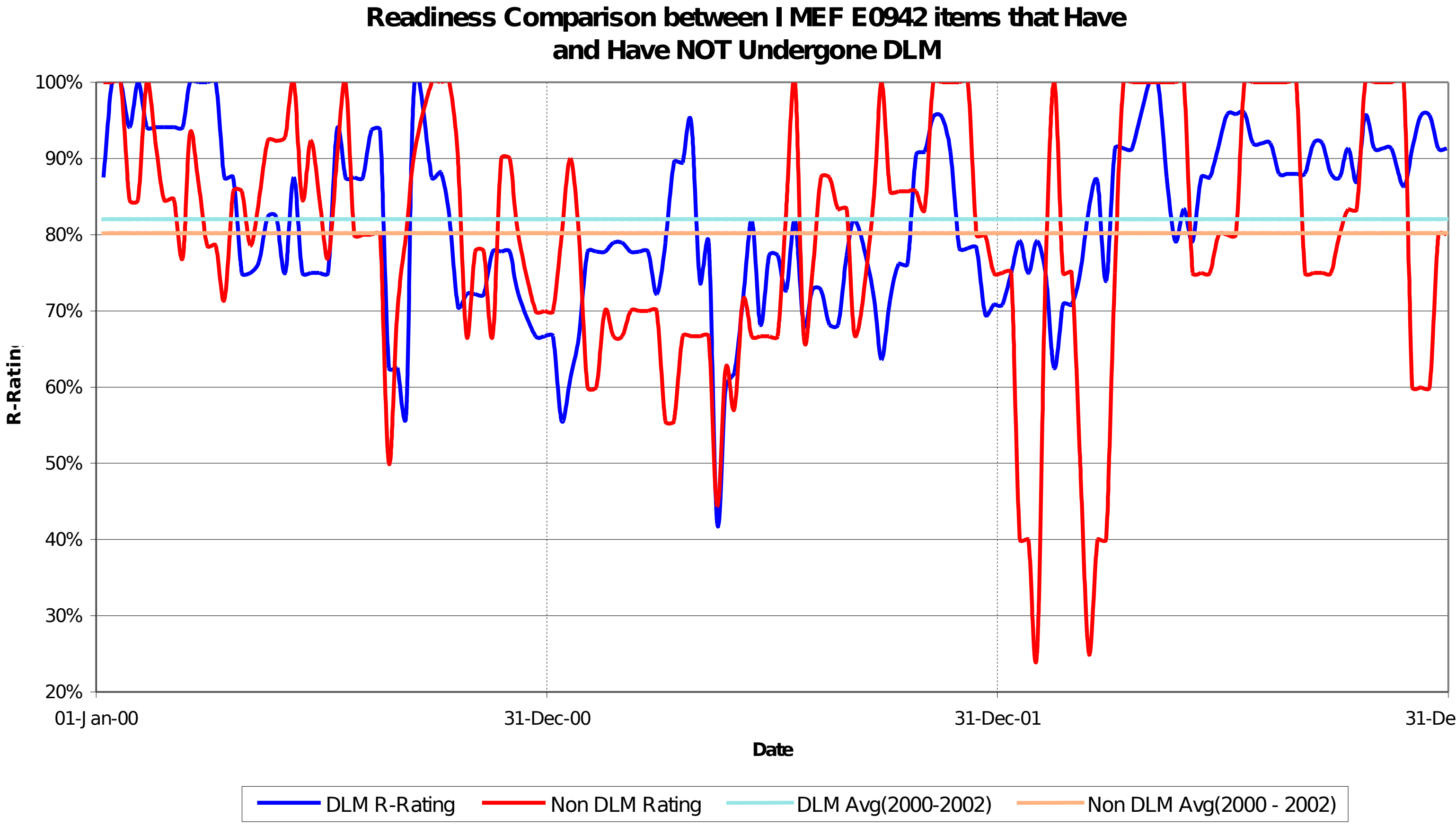
An Examination over Time of the Total Number of LAV-AT Depot Level Maintenance (DLM) Products (June 1993 - December 2002)

Approximate # of LAV-AT's Authorized Out-of-Stores = **83**

LAV-AT Depot Maintenance Production and Fielding Quantities

EXAMPLES

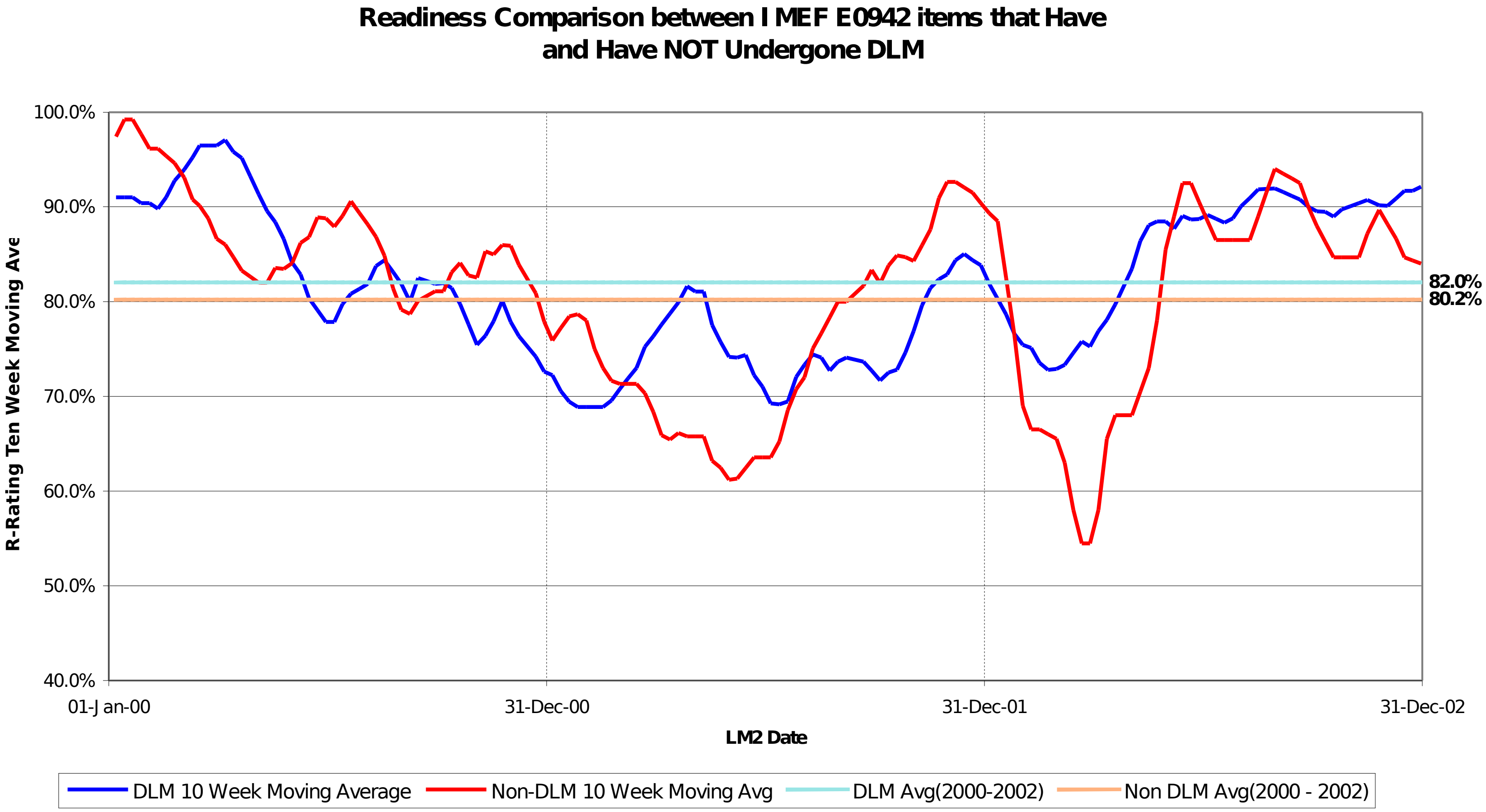
2. E0942 (LAV-AT)



I MEF LAV-AT R-Ratings for DLM and Non-DLM Items

EXAMPLES

2. E0942 (LAV-AT)



I MEF LAV-AT DLM and Non-DLM R-Rating 10 Wk Moving Avg

EXAMPLES

2. E0942 (LAV-AT)

I MEF

Exp(R-Rat-DLM)	82.0%
Exp(R-Rat-Non-DLM)	80.2%
AvgPossess(2002)	29

	Qty Produced	Cumulative Qty Produced	Original DLM Qty	Total DLM	Qty Non-DLM	Expected R-Rating
2003	4	4	21	25	4	**81.8%**
2004	5	9	17	26	3	**81.8%**
2005	8	17	12	29	0	**82.0%**
2006	9	26	3	29	0	**82.0%**

🟨 - Indicates Decision Variable

- 82% R-Rating Represents Readiness Benchmark

I MEF LAV-AT Data and DLM Requirements for FY05 & 06

EXAMPLES

2. E0942 (LAV-AT)

II MEF

Exp(R-Rat-DLM)	84.0%
Exp(R-Rat-Non-DLM)	82.0%
AvgPossess(2002)	17

	Qty Produced	Cumulative Qty Produced	Original DLM Qty	Total DLM	Qty Non-DLM	Expected R-Rating
2003	3	3	11	14	3	**83.6%**
2004	5	8	11	19	0	**84.0%**
2005	0	8	6	14	3	**83.6%**
2006	0	8	3	11	6	**83.3%**

III MEF

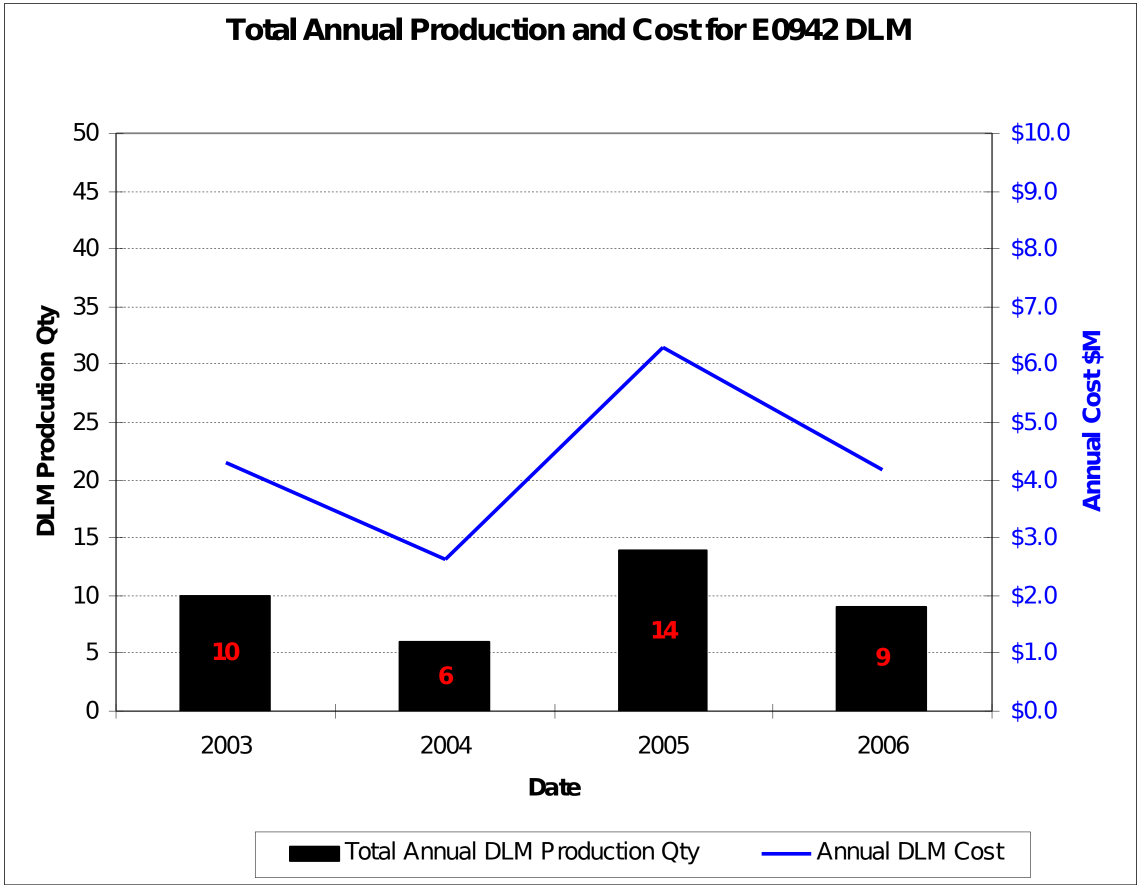
Exp(R-Rat-DLM)	82.4%
Exp(R-Rat-Non-DLM)	66.4%
AvgPossess(2002)	4

	Qty Produced	Cumulative Qty Produced	Original DLM Qty	Total DLM	Qty Non-DLM	Expected R-Rating
2003	1	1	2	3	1	**78.4%**
2004	0	1	0	1	3	**70.4%**
2005	3	4	0	4	0	**82.4%**
2006	0	4	0	4	0	**82.4%**

II & III MEF LAV-AT Data and DLM Rqmnts for FY05 & 06

EXAMPLES

2. E0942 (LAV-AT)



LAV-AT Overall Expected DLM Production and Cost for FY03-06

Limitations

- **Requires Visibility of Serial Numbers**
  - **-If serial numbers are moved from MEF to MEF then methodology doesn’t work (e.g. Howitzers rotated from BIC to I MEF)**
- **Analysis of Historical Data doesn’t include the effects of high OPTEMPO during a major contingency (e.g. OIF)**
  - **-Readiness Reporting data during OIF is a black hole**
  - **-Can’t measure effect that OIF will have upon expected equipment readiness in**

Recommendations

- Use additional Forecasting Techniques

  -Techniques that account for negative trends (calculating the average doesn’t account for this)

- Automate the Process

  -Completing this process manually took between 3-6 days per TAMCN

  -Plans are to automate with CTC (MERIT) with some selected TAMCNs

Questions, Comments or Recommendations?

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